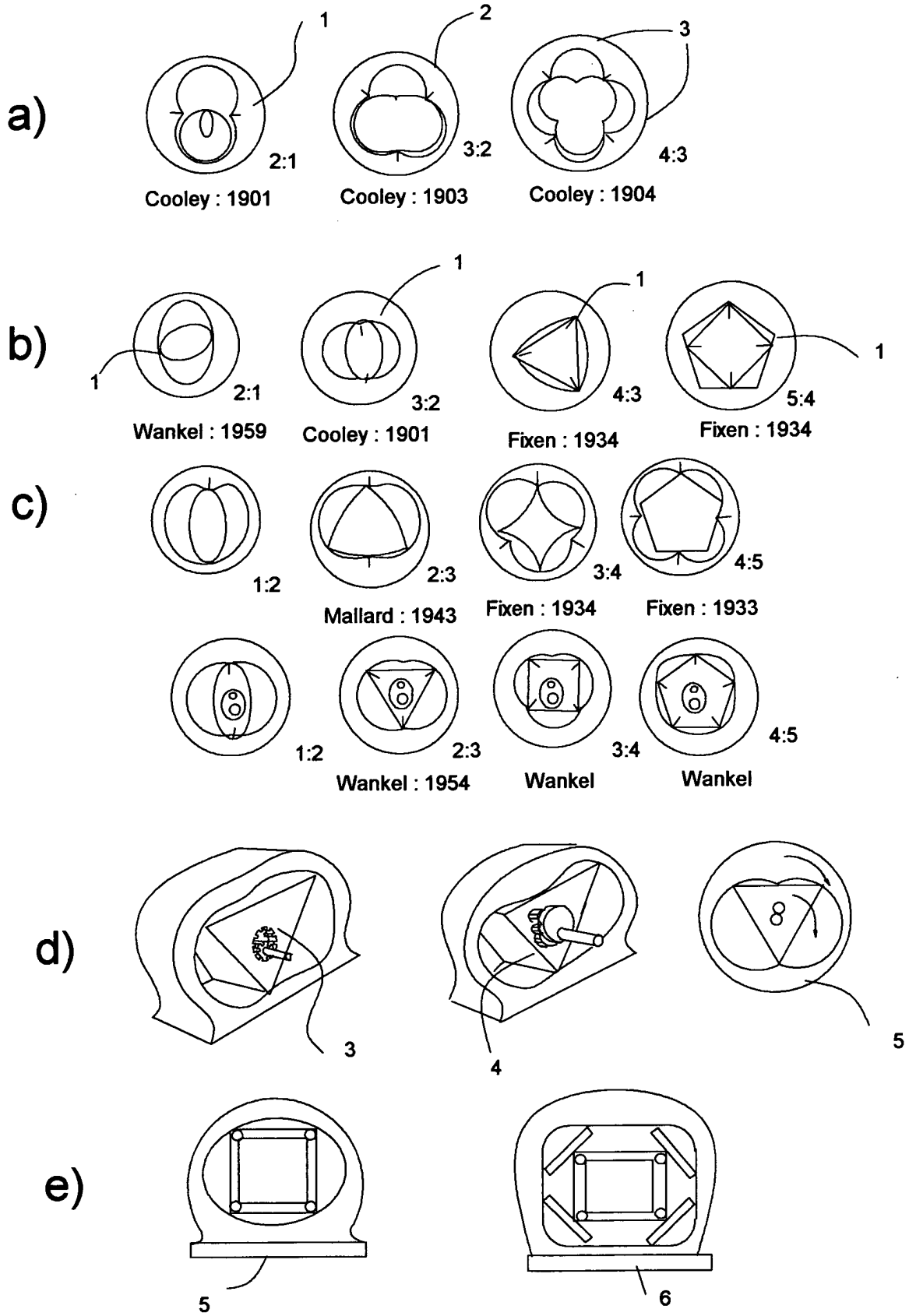
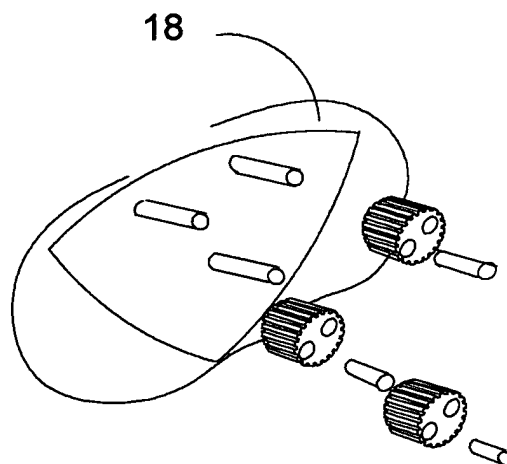
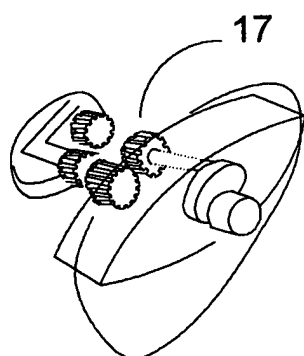
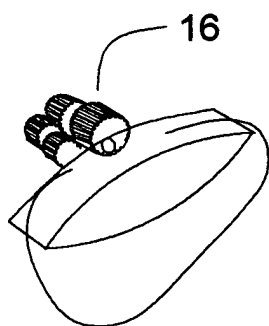
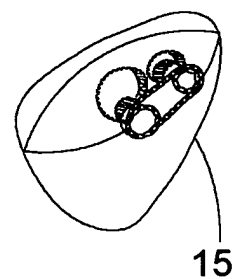
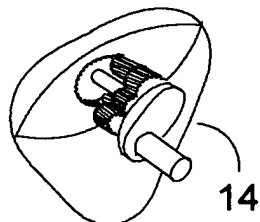
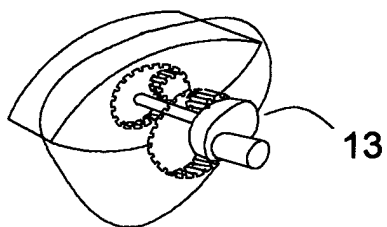
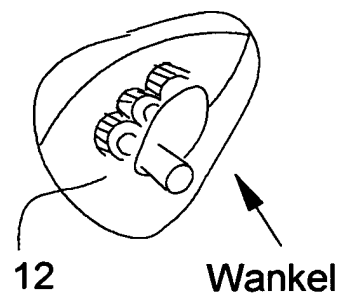
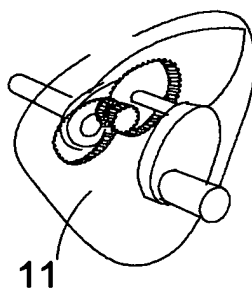
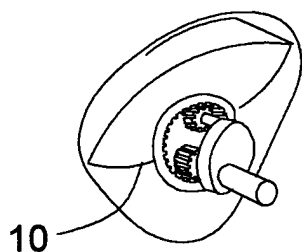
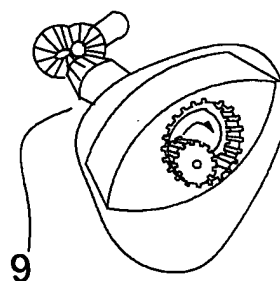
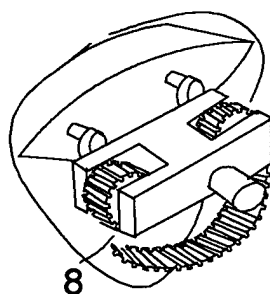
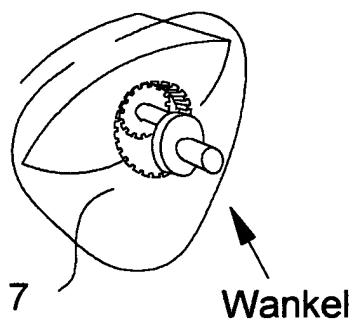


Prior Art



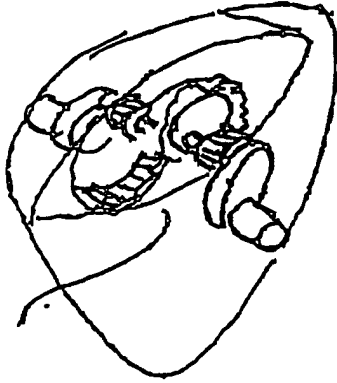
Prior Art



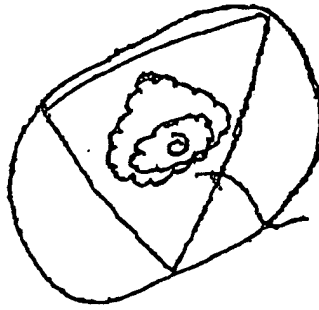
Prior art

a)

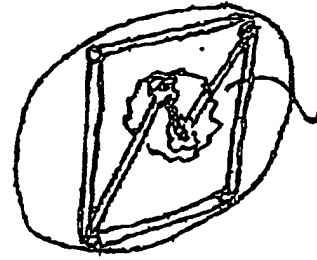
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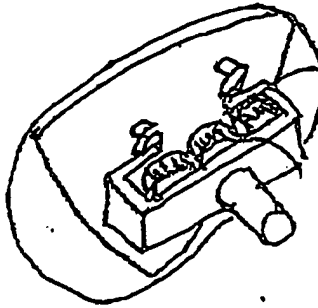
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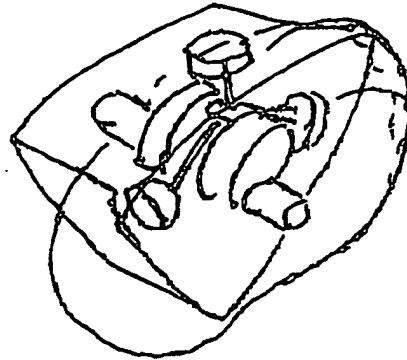
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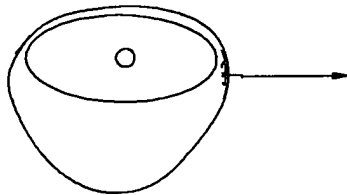
22



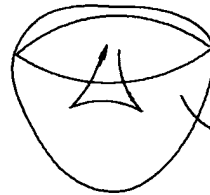
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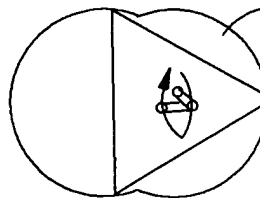
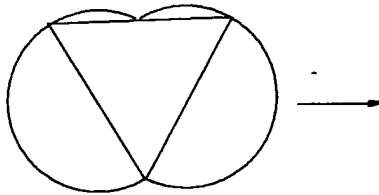
b)



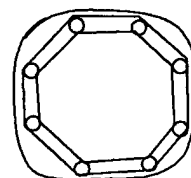
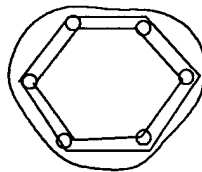
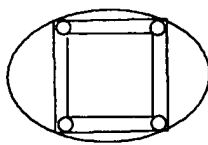
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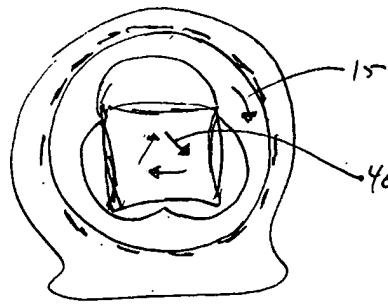
24



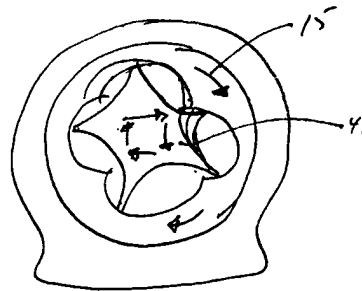
c)



added figure, replacement sheet



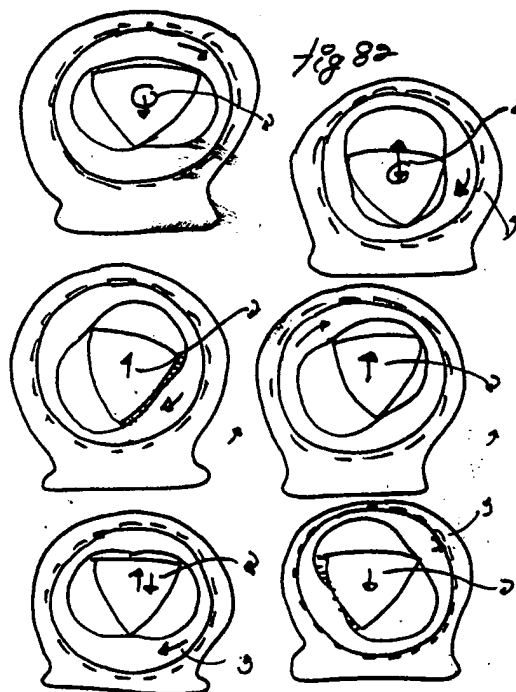
a)



Prior Art

Fig 47

b)

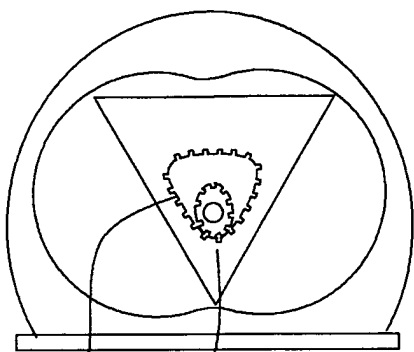


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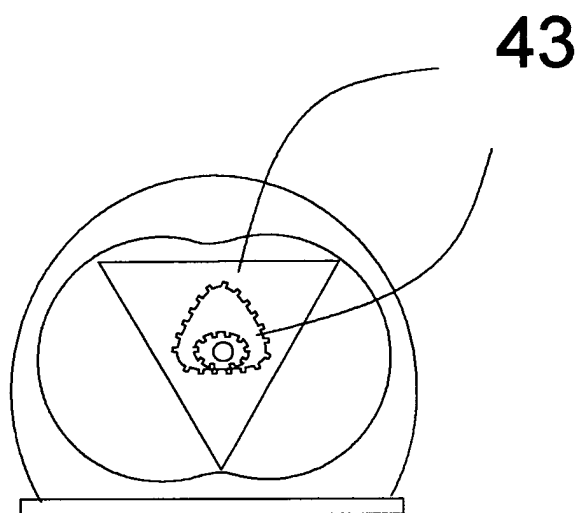
Fig.4/57

# Replacement Sheet

Prior Art

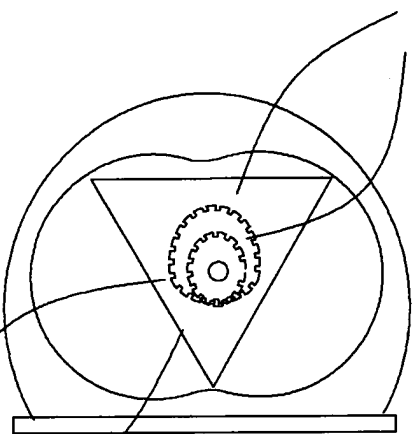


43



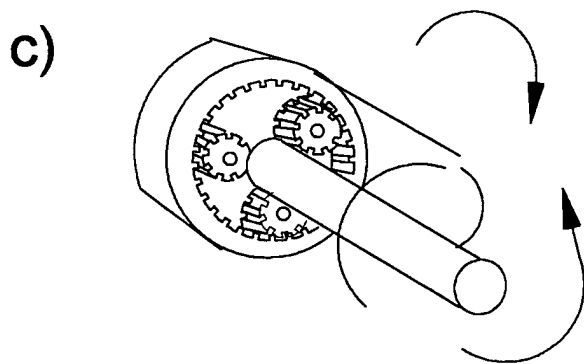
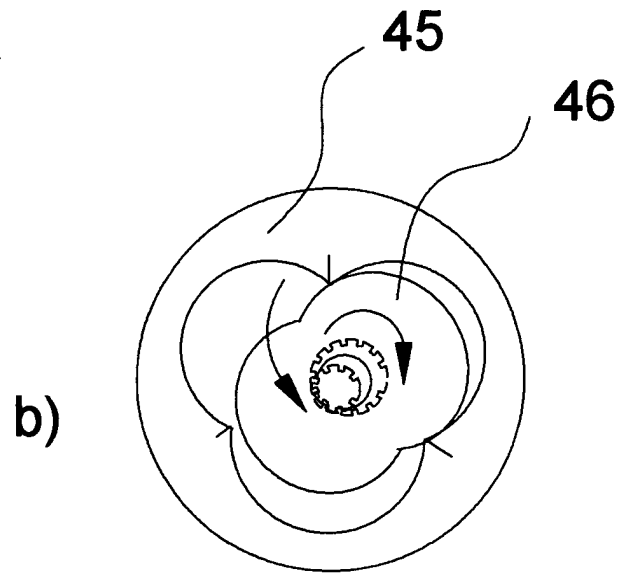
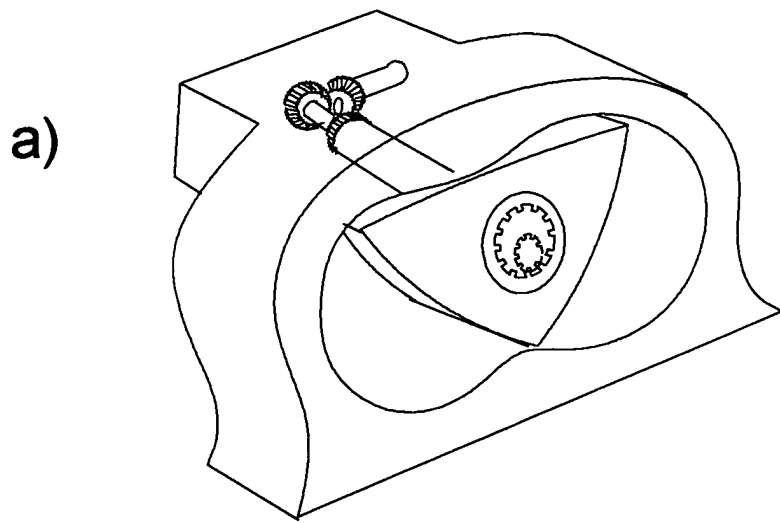
43

44

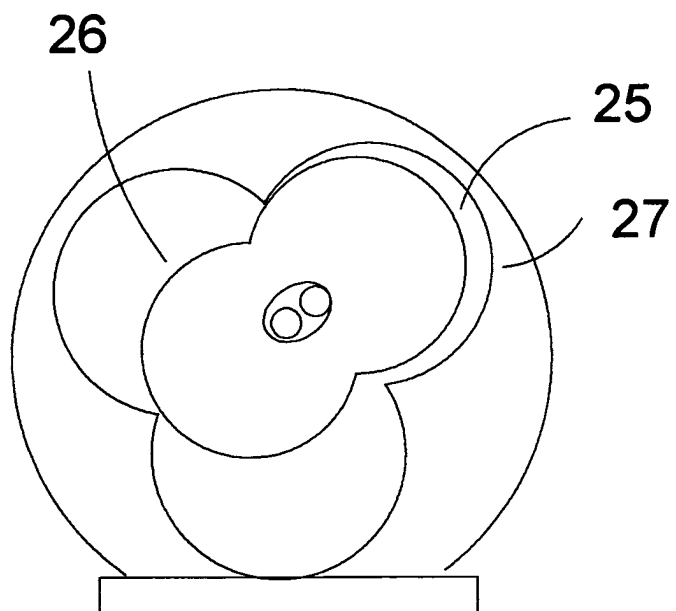


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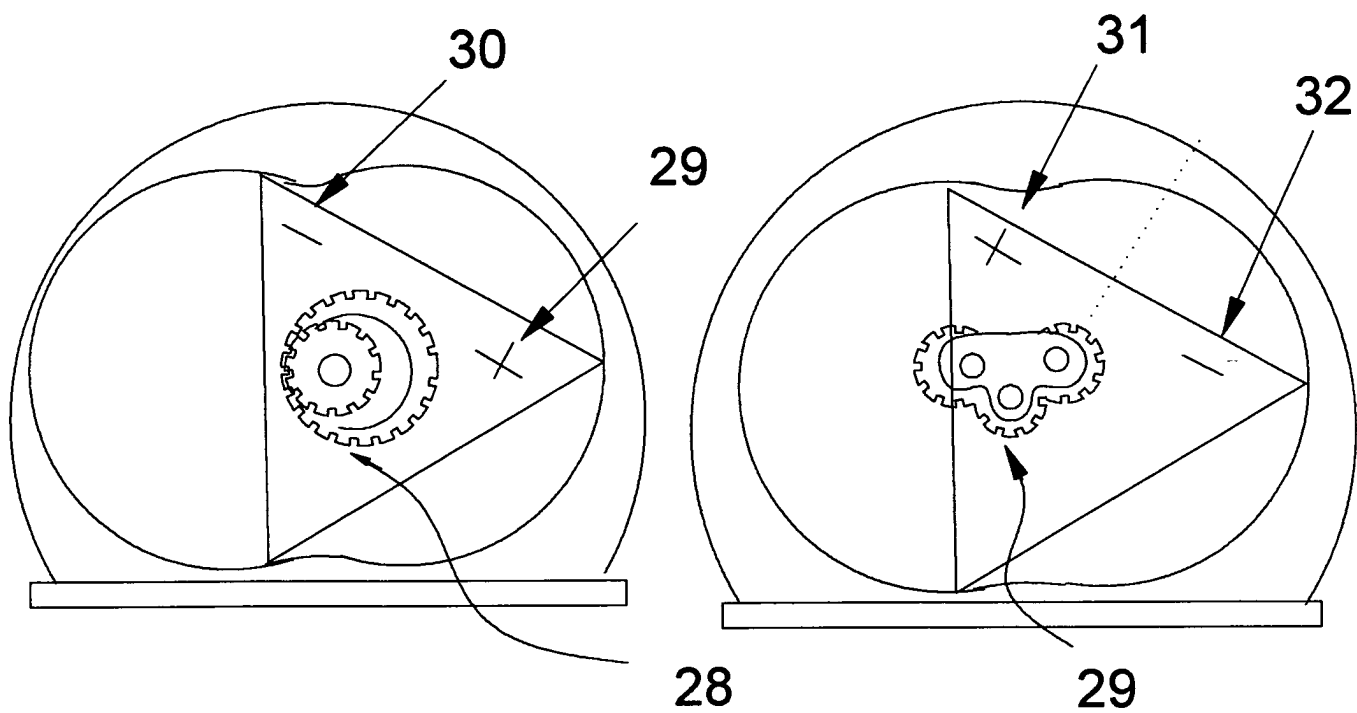
5.1/57



a)

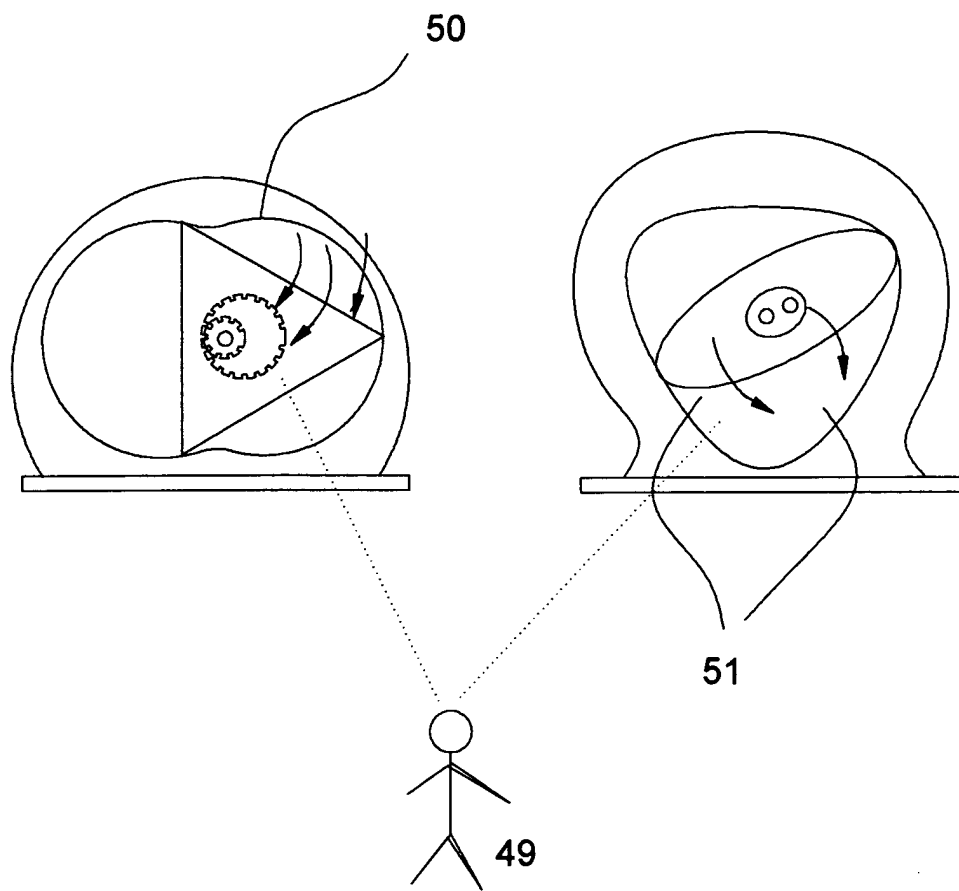


b)

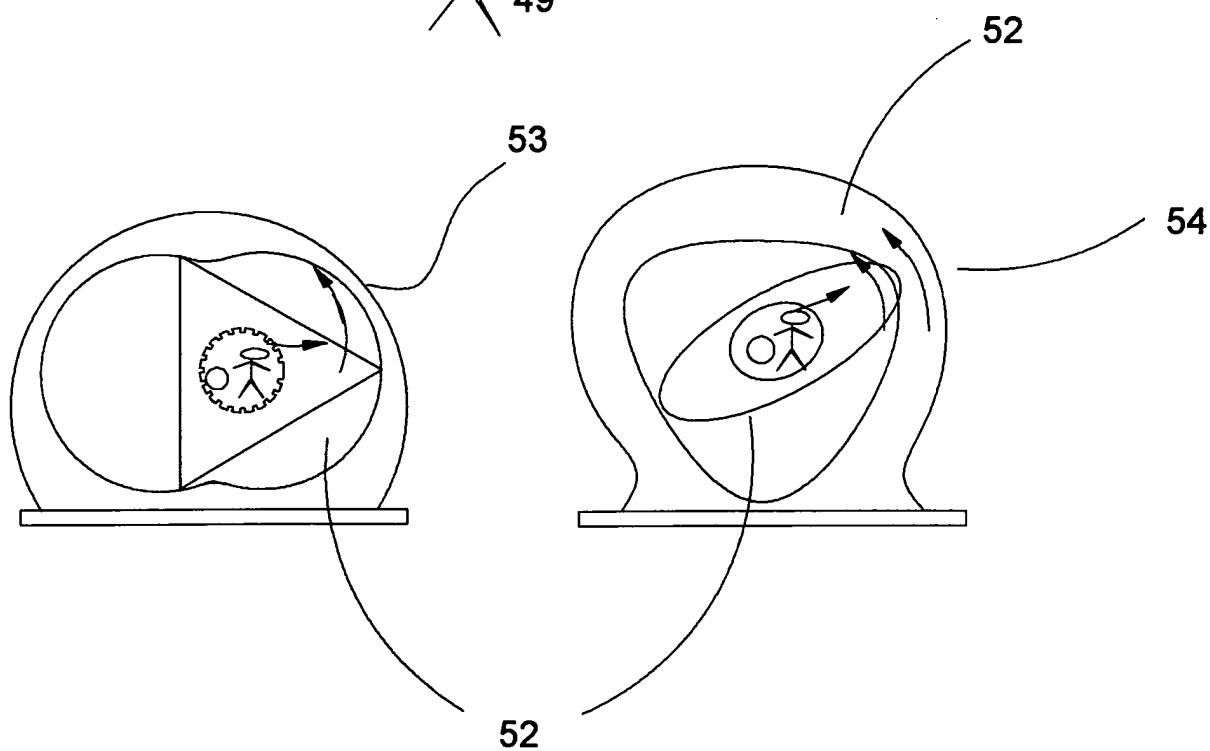


# Replacement sheet

a)

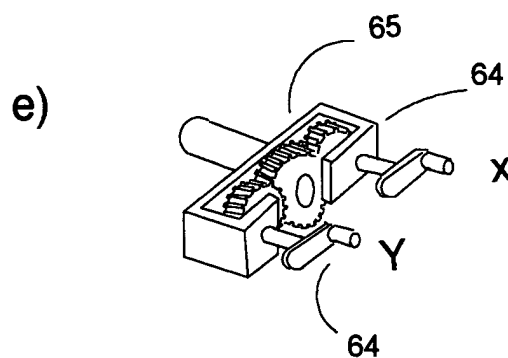
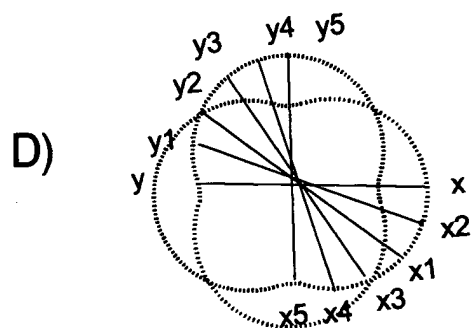
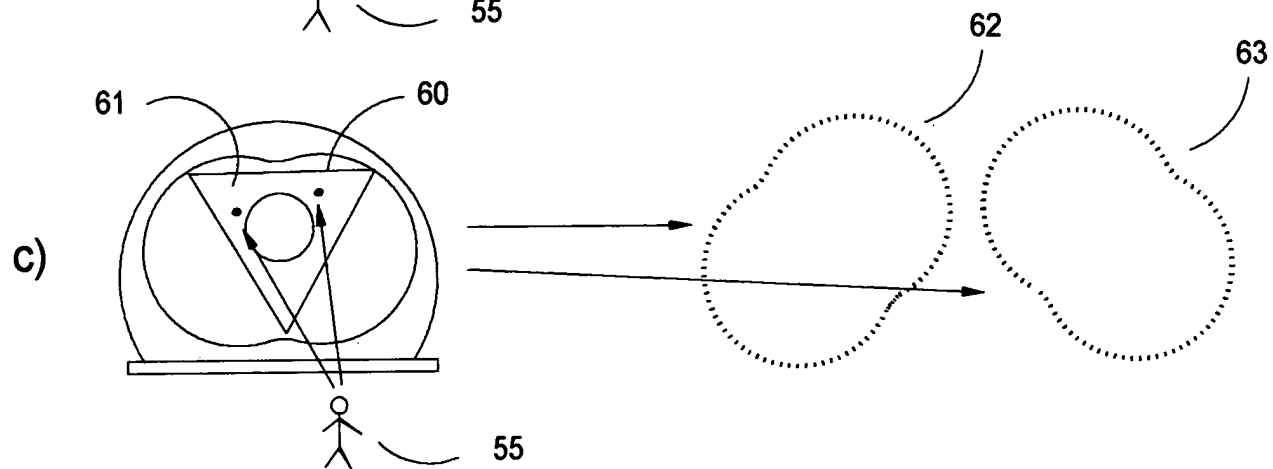
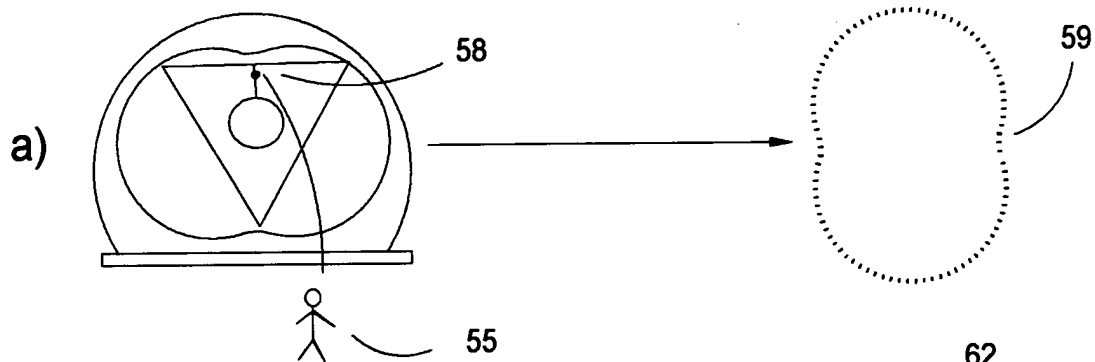
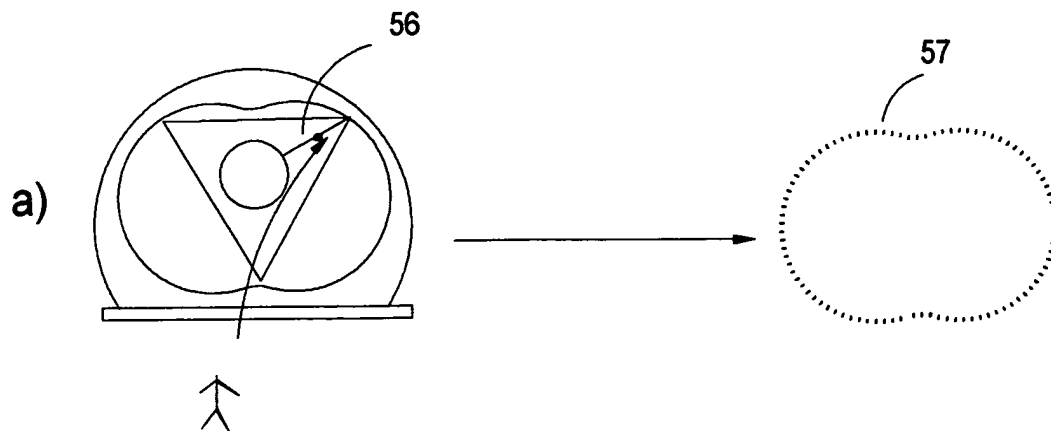


b)



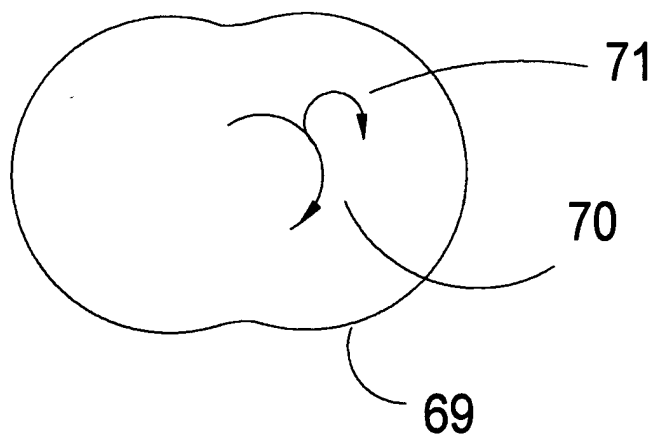
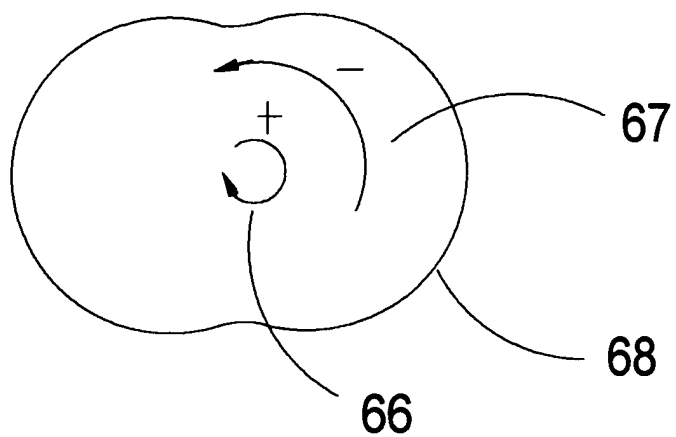


# Replacement sheet

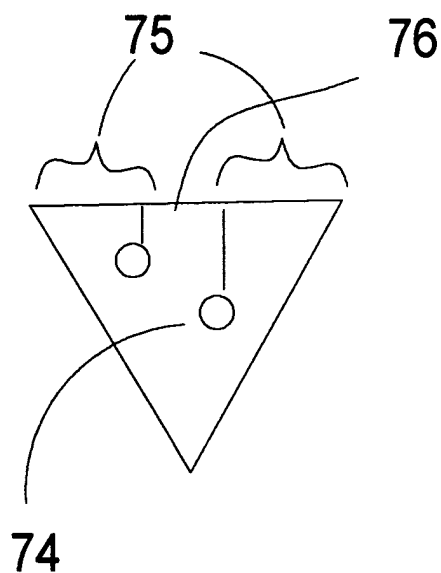
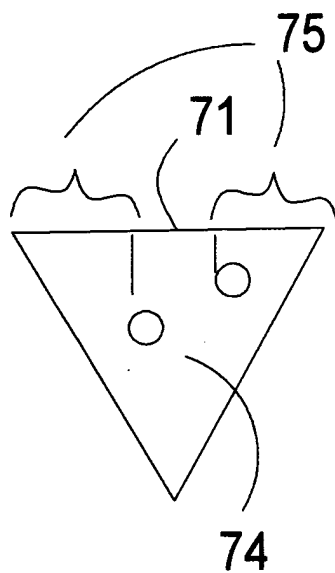
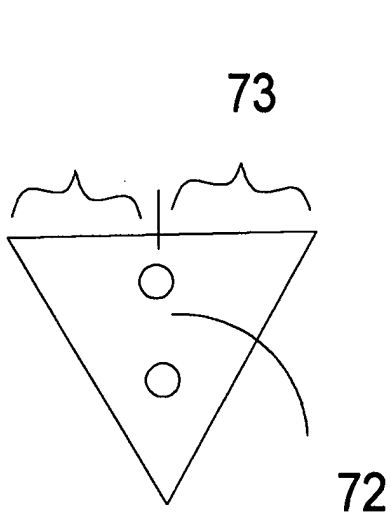


# Replacement sheet

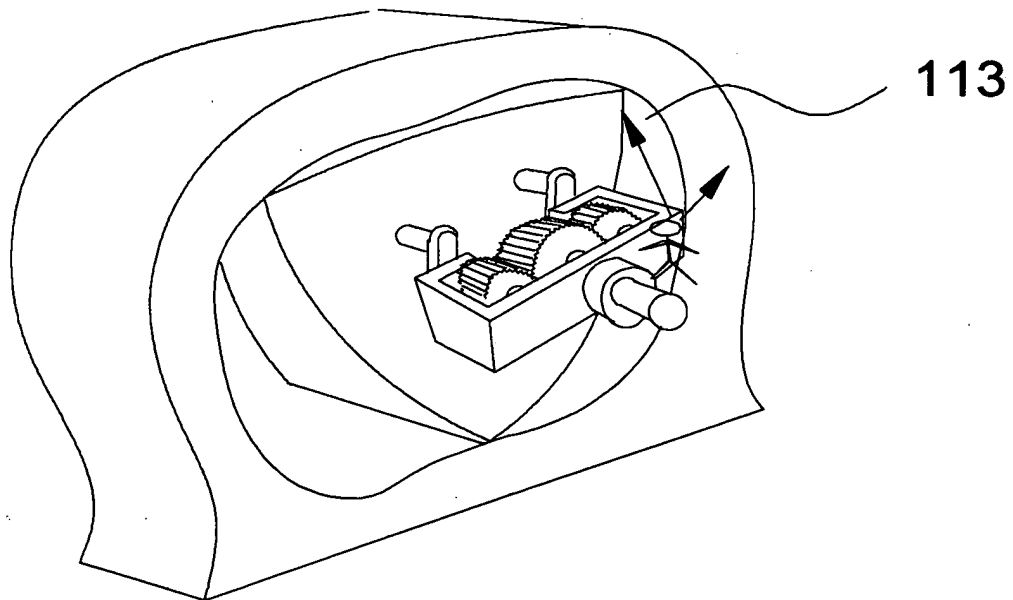
a)



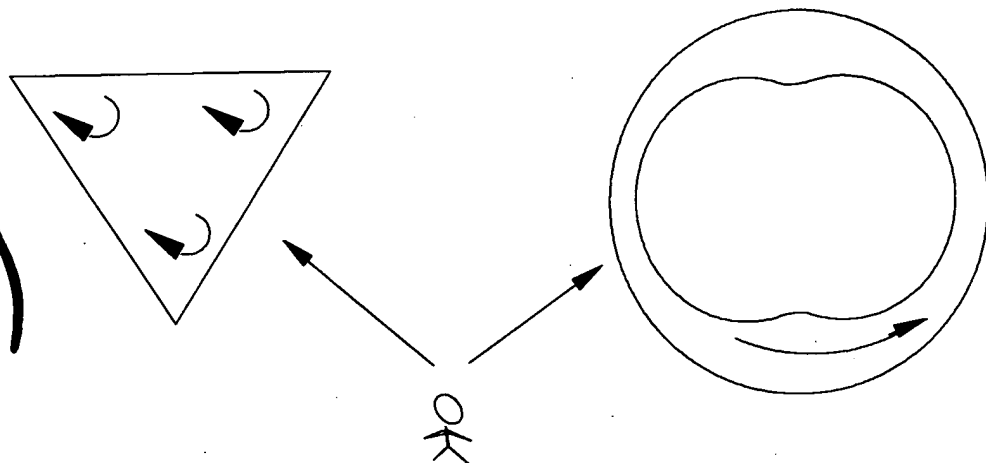
b)



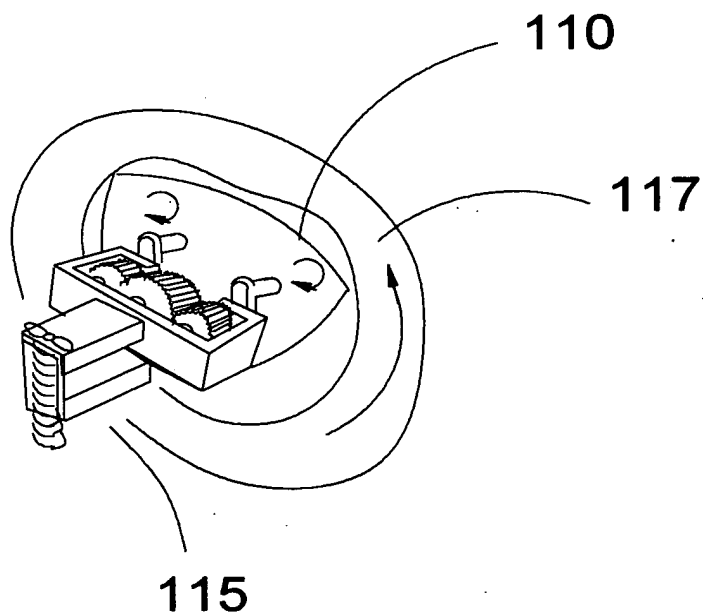
2)



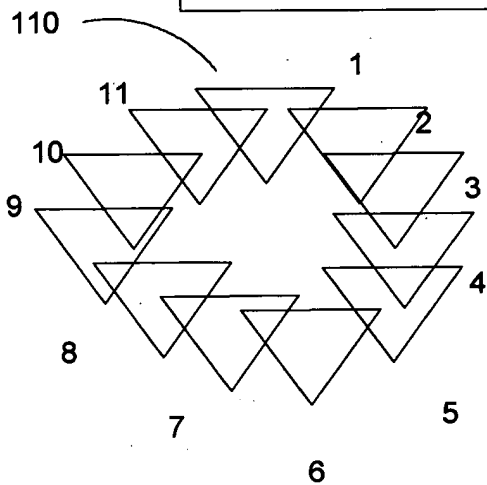
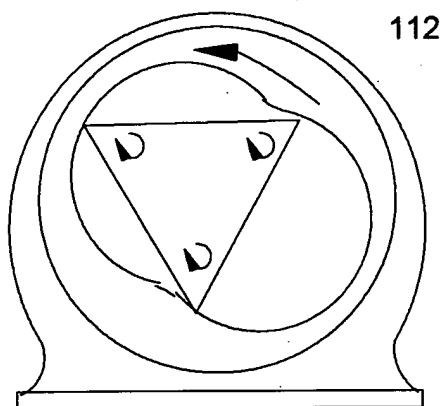
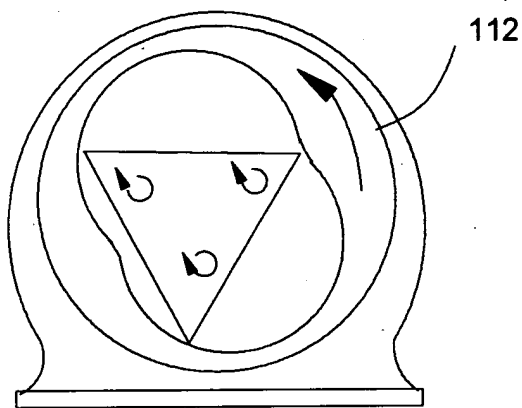
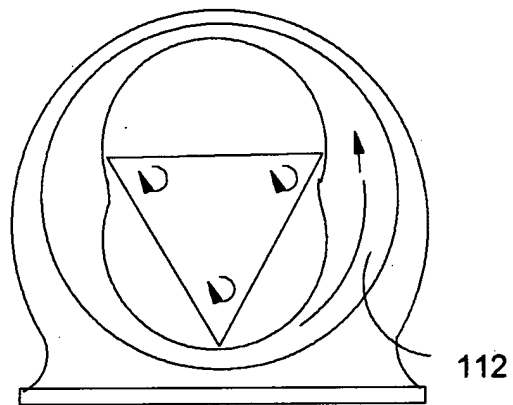
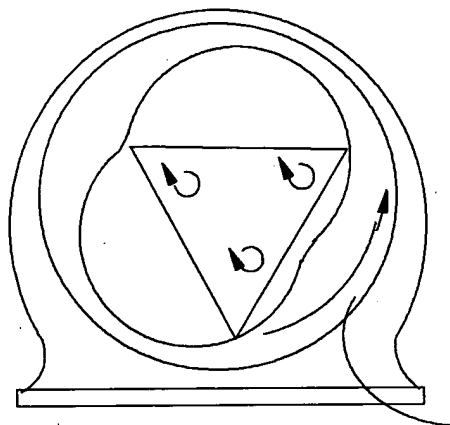
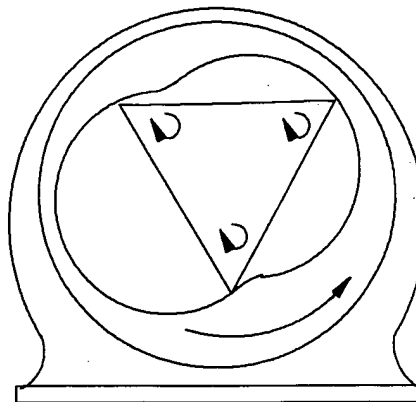
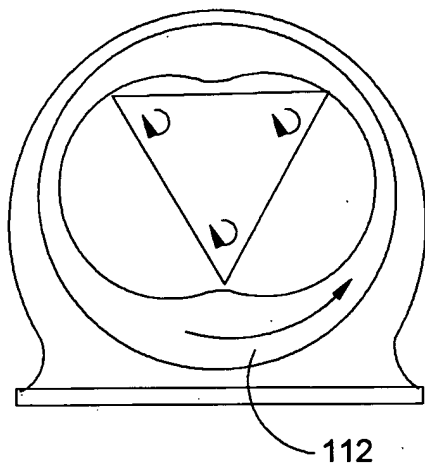
1)



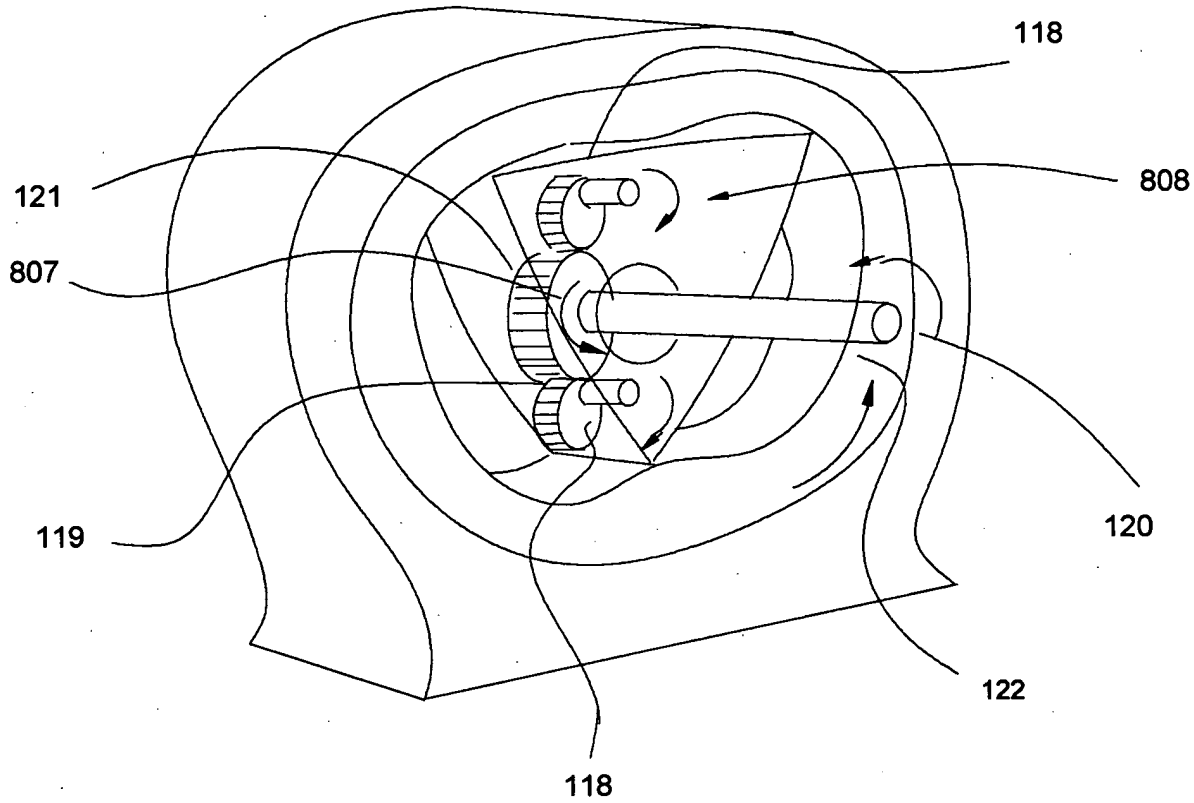
3)



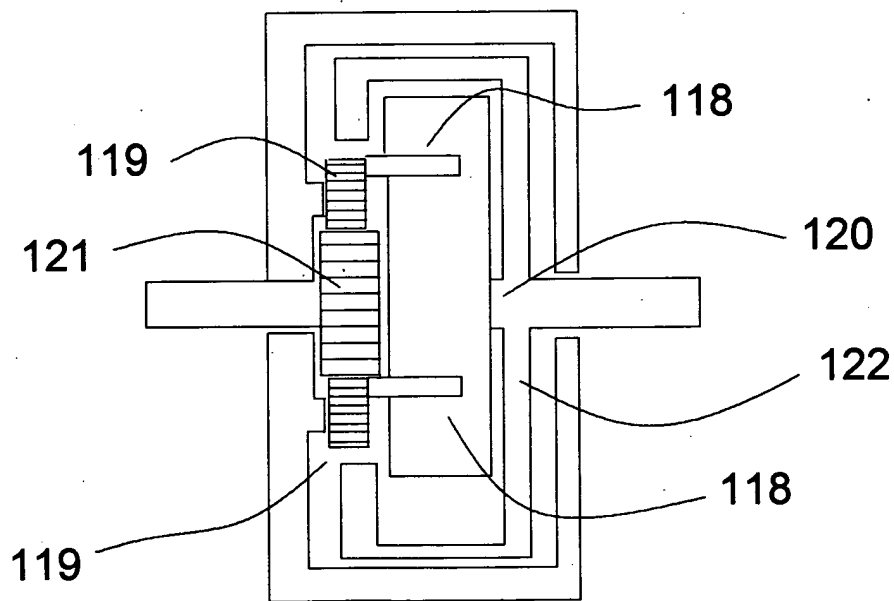
# Replacement Sheet



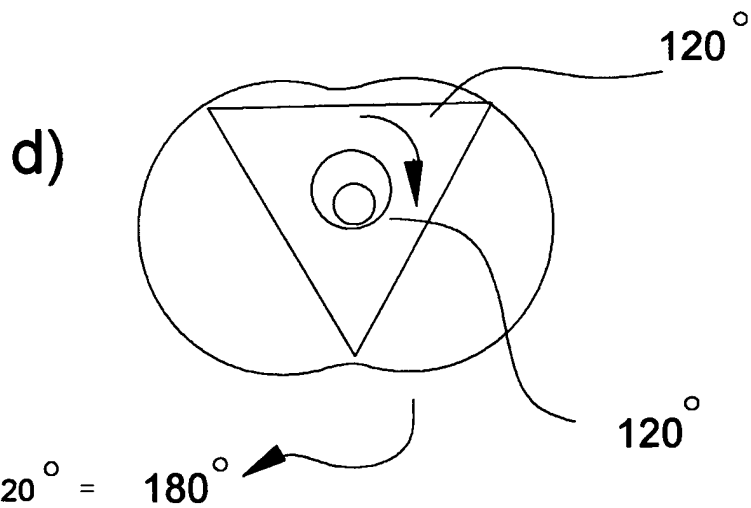
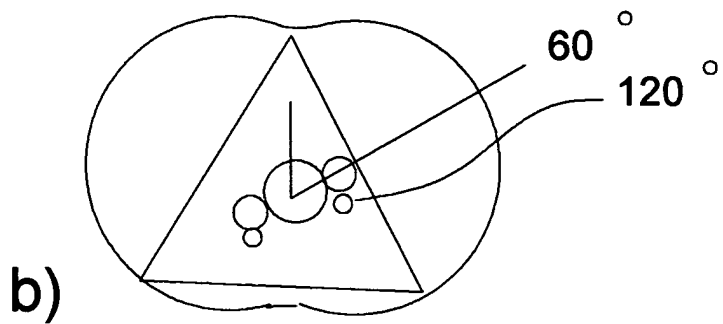
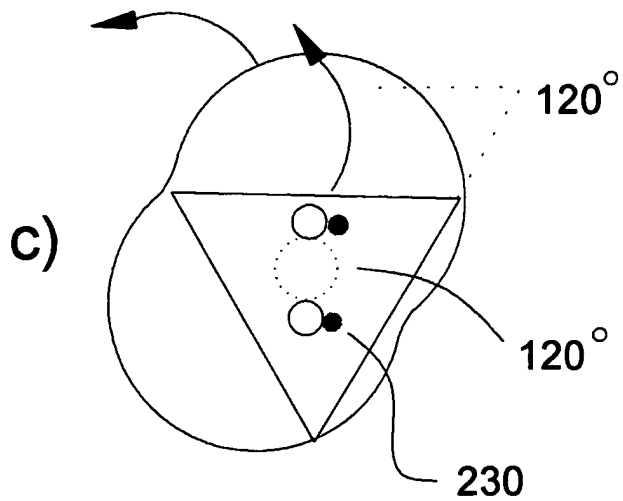
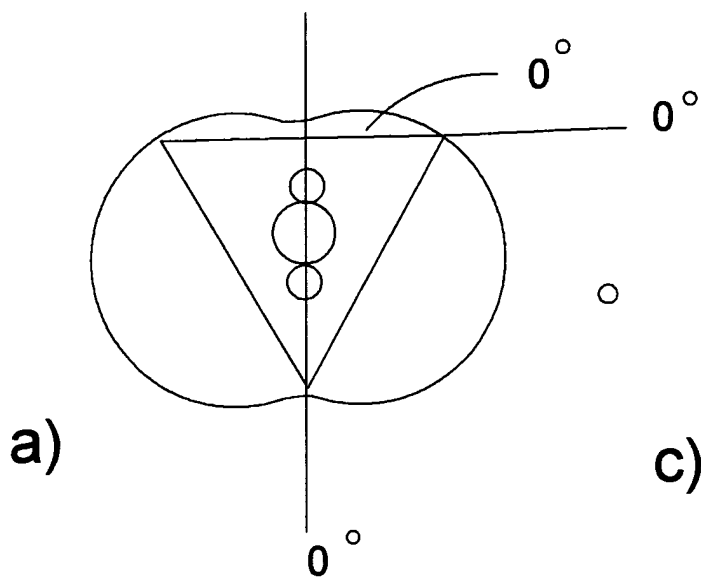
a)



b)

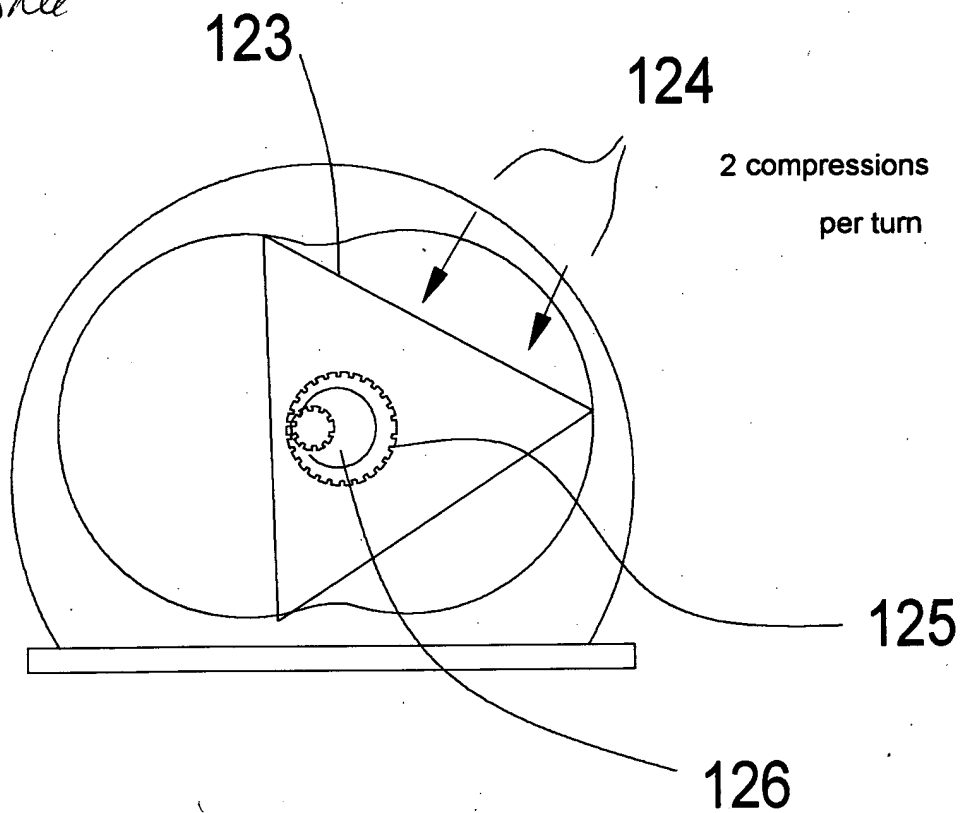


# Replacement Sheet

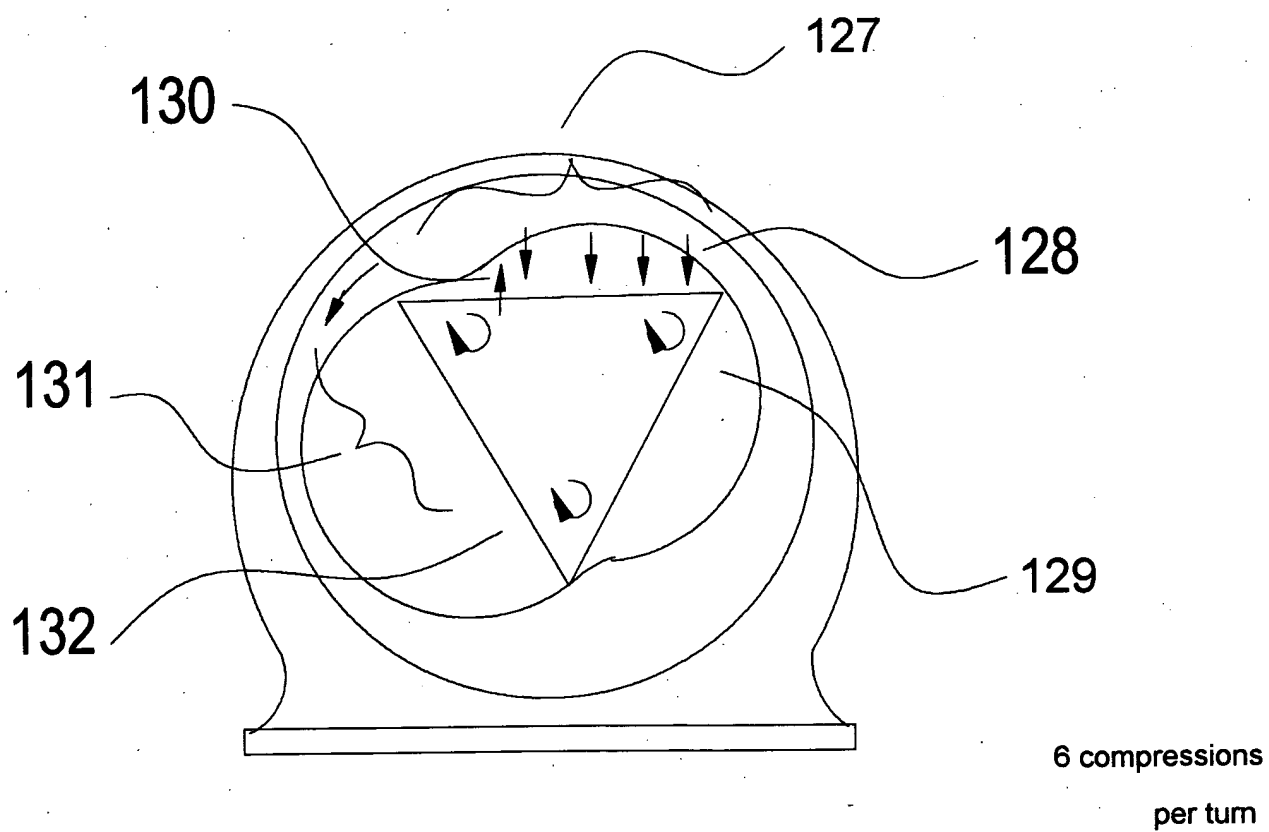


Replacement sheet

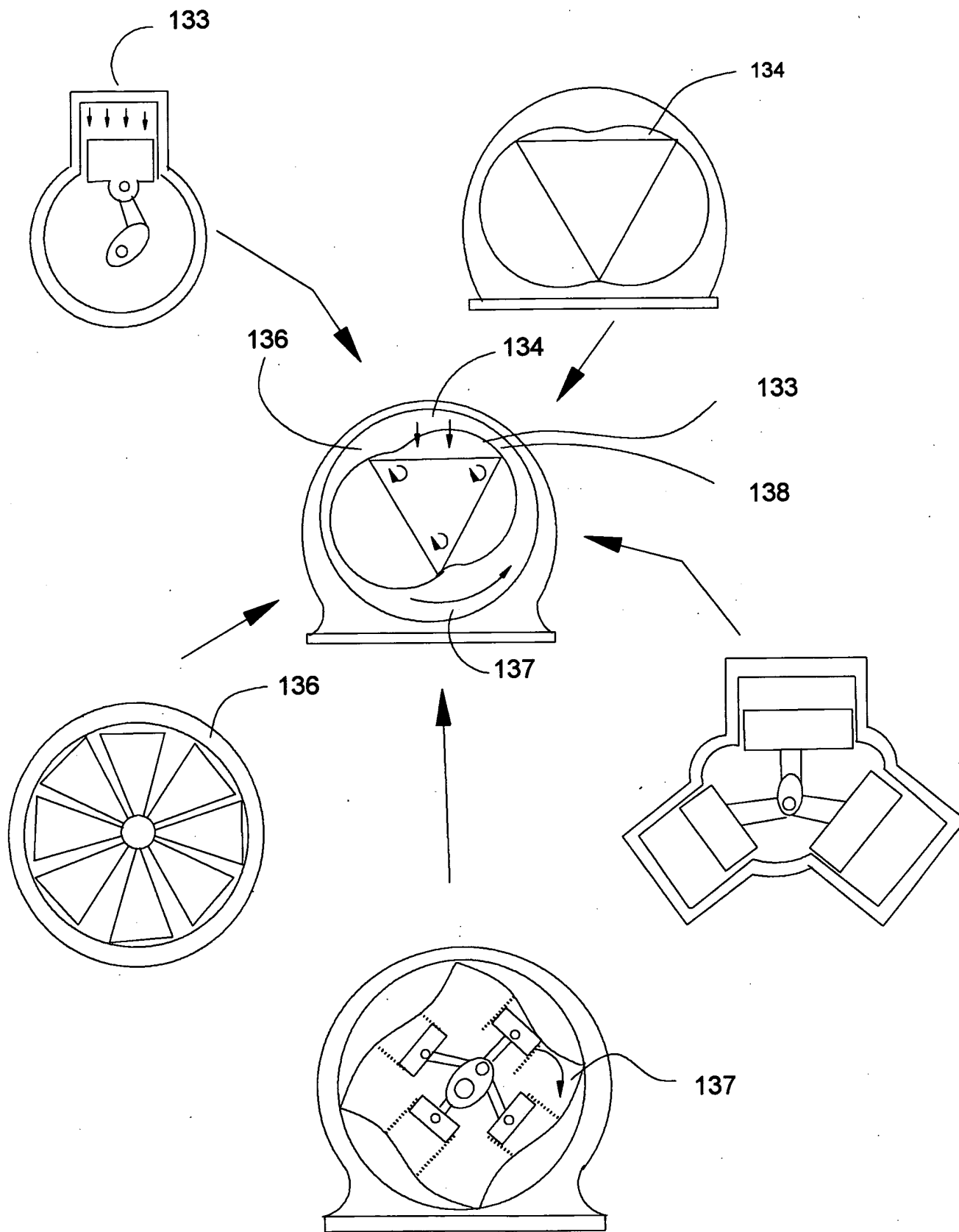
a)



b)

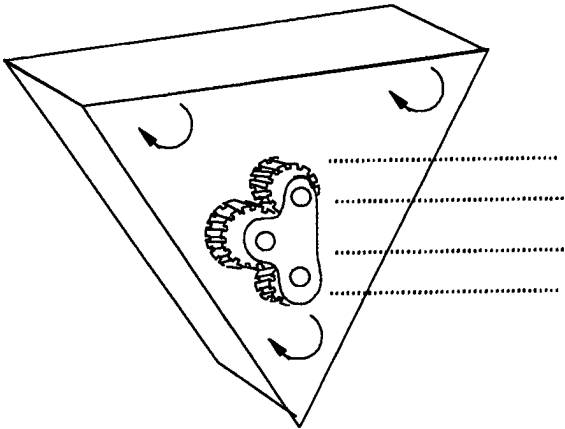


# Replacement sheet



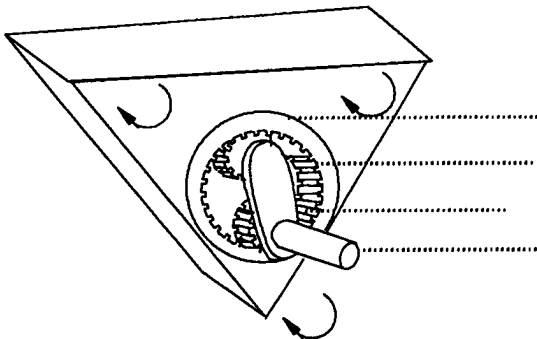


Replacement sheet



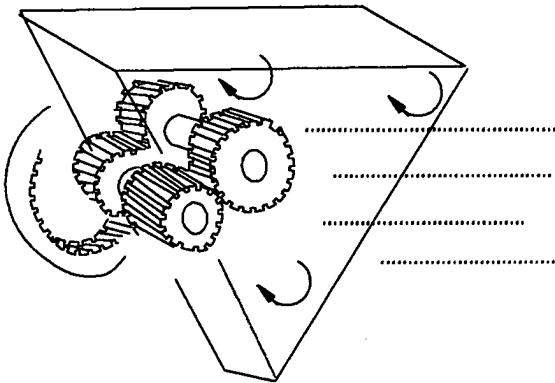
1/1

a 1)



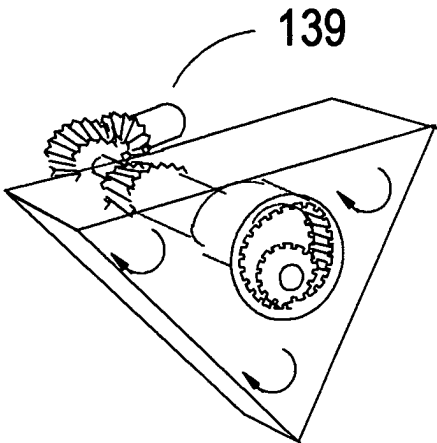
1/1

a 2)



1/1

b 1)

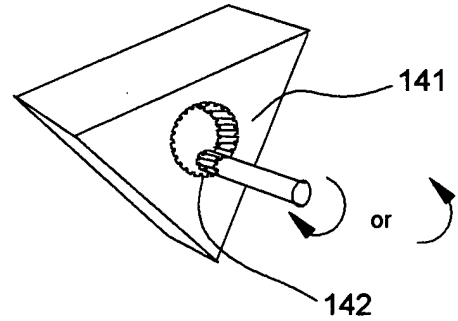
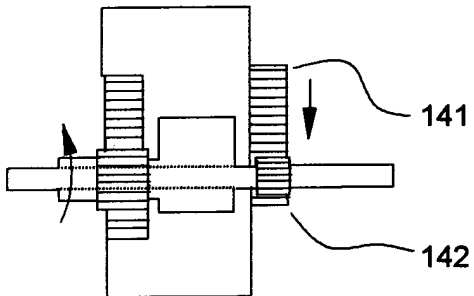


b 2)

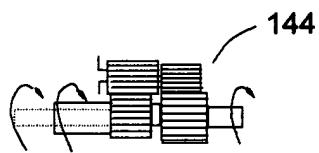
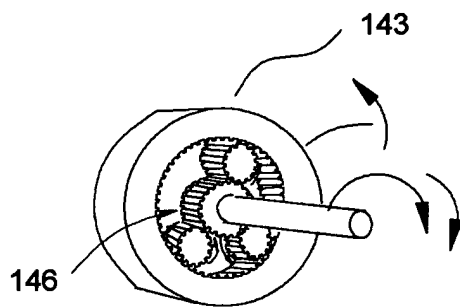
# Replacement Sheet

140

a)



b)



c)

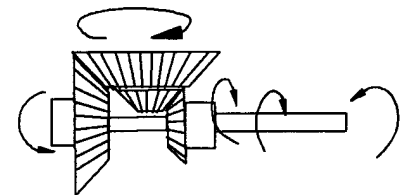
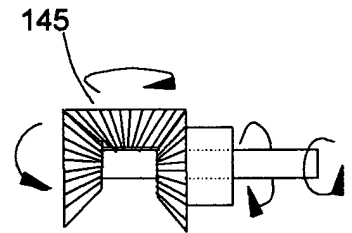
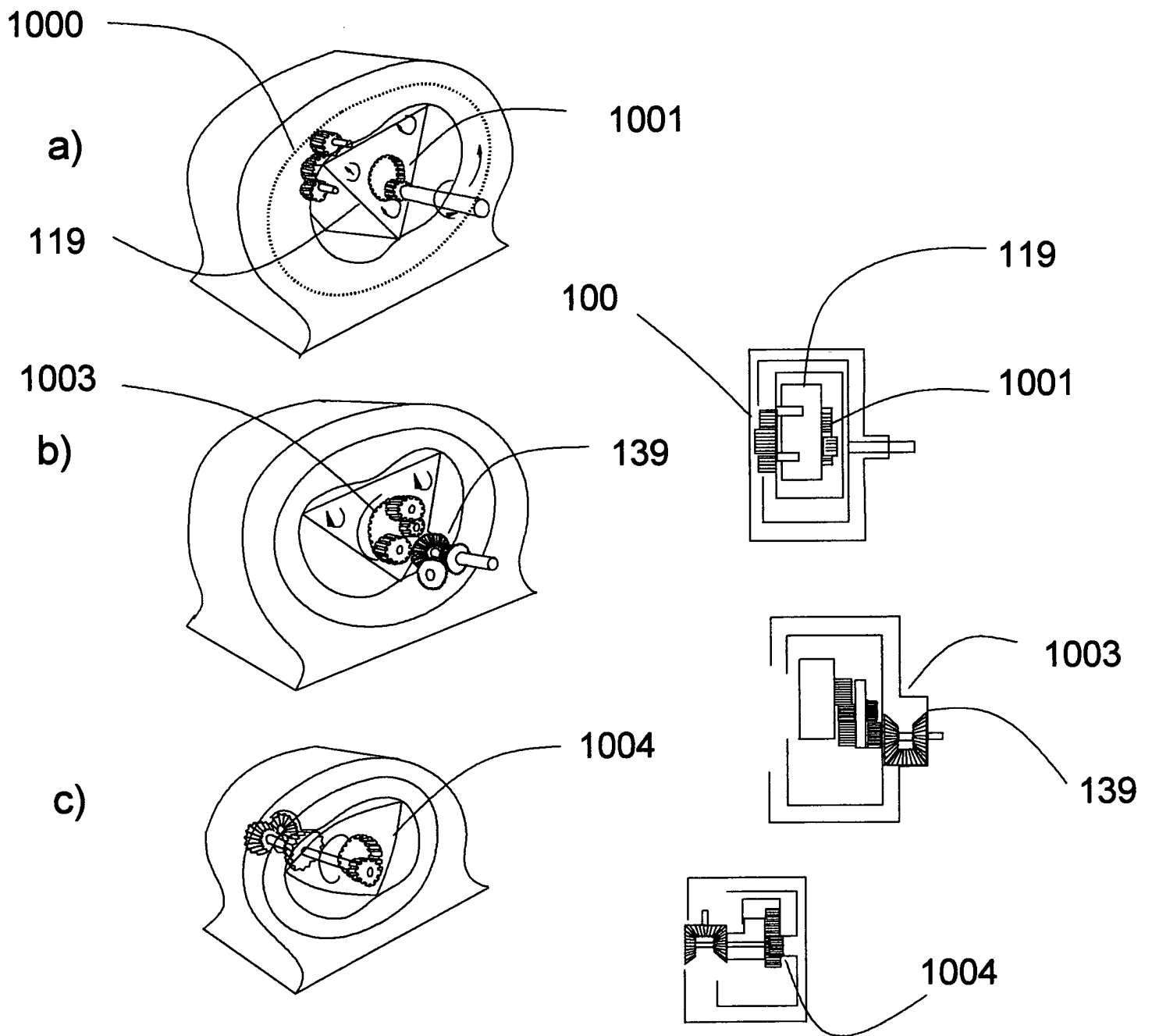


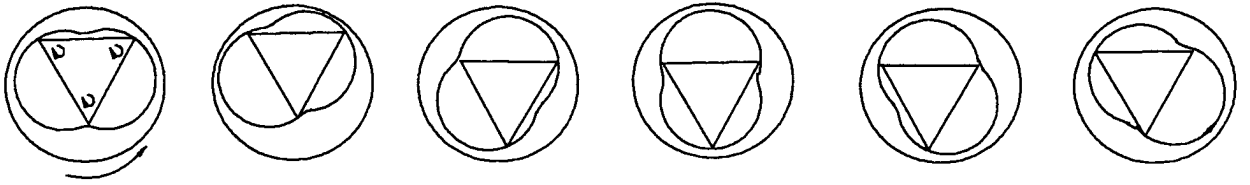
Fig.16/57

# Replacement sheet

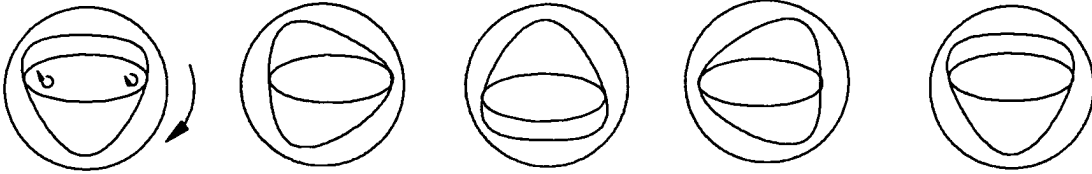


# Replacement sheet

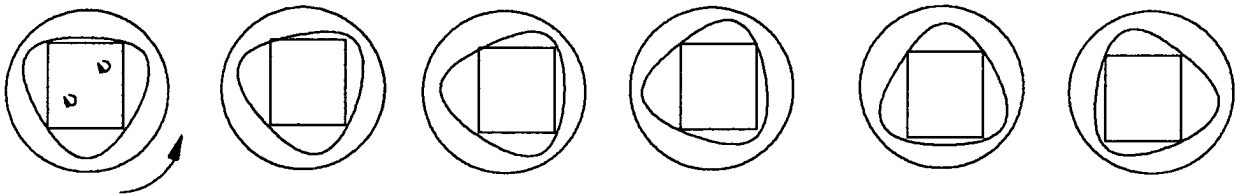
a)



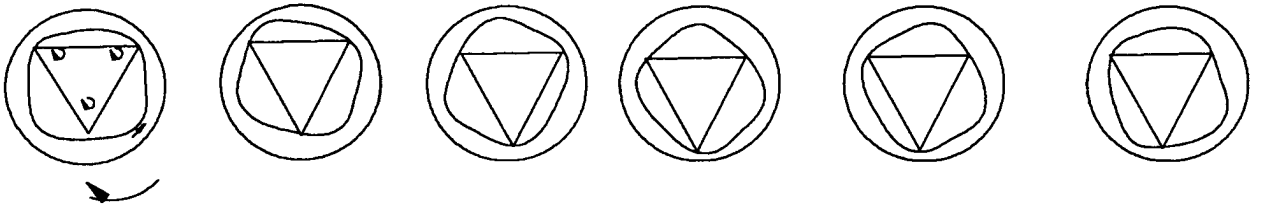
b)



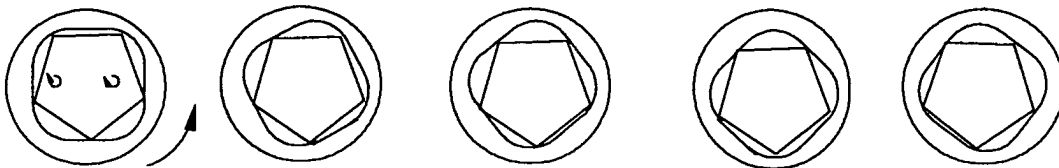
c)



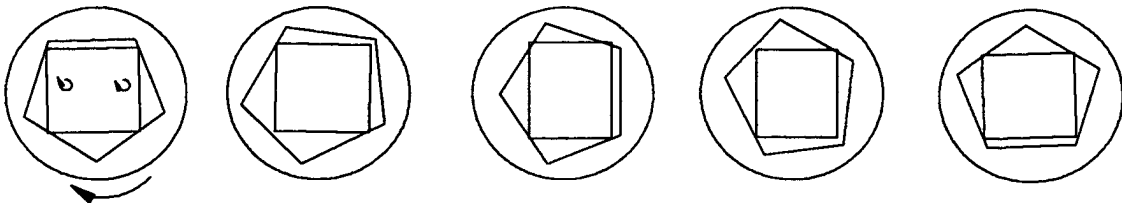
d)



e)

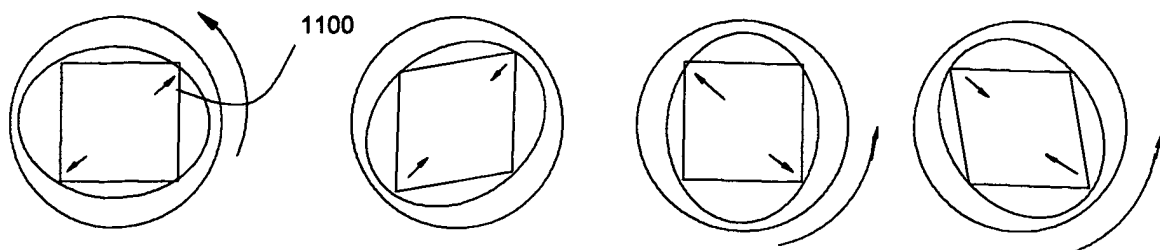


f)

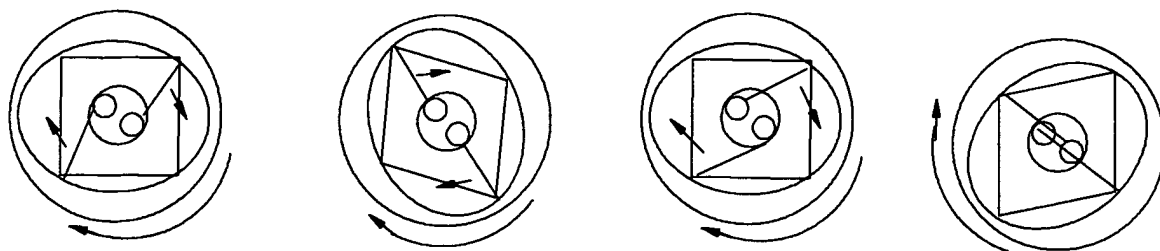


# Replacement Sheet

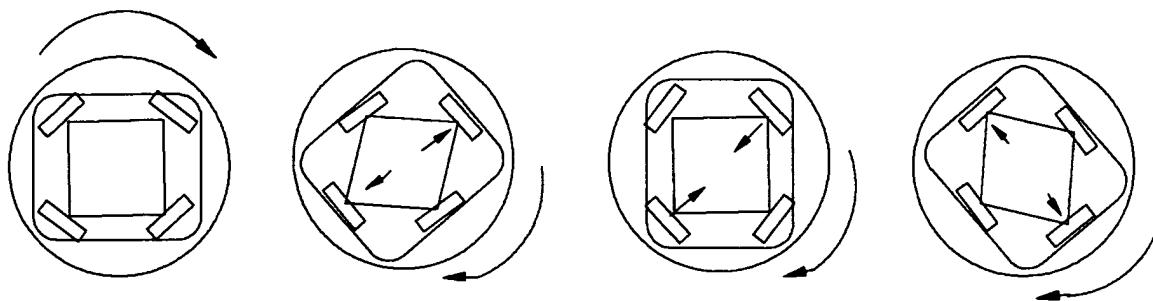
a)



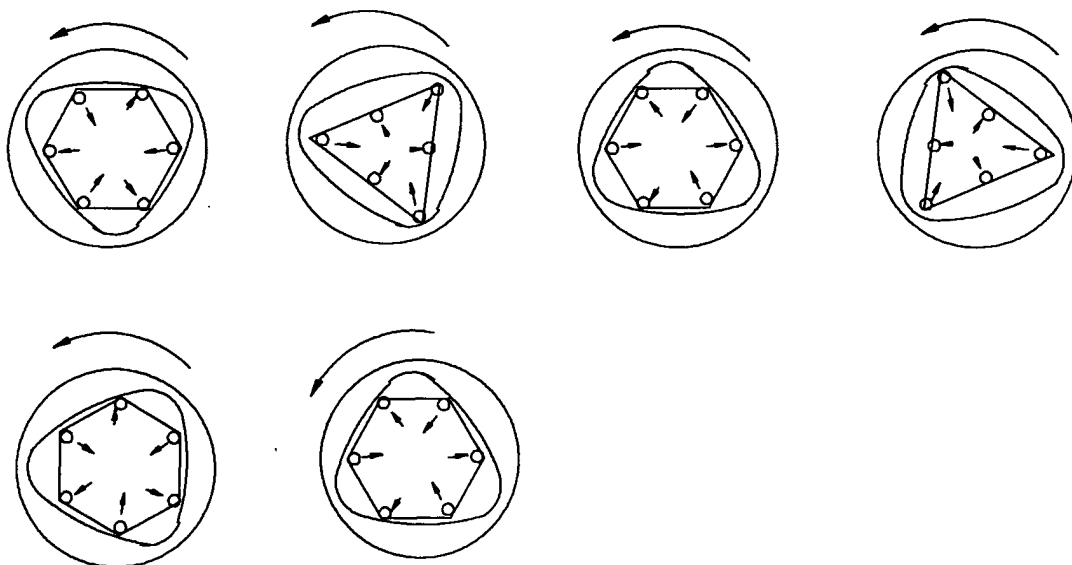
b)



c)

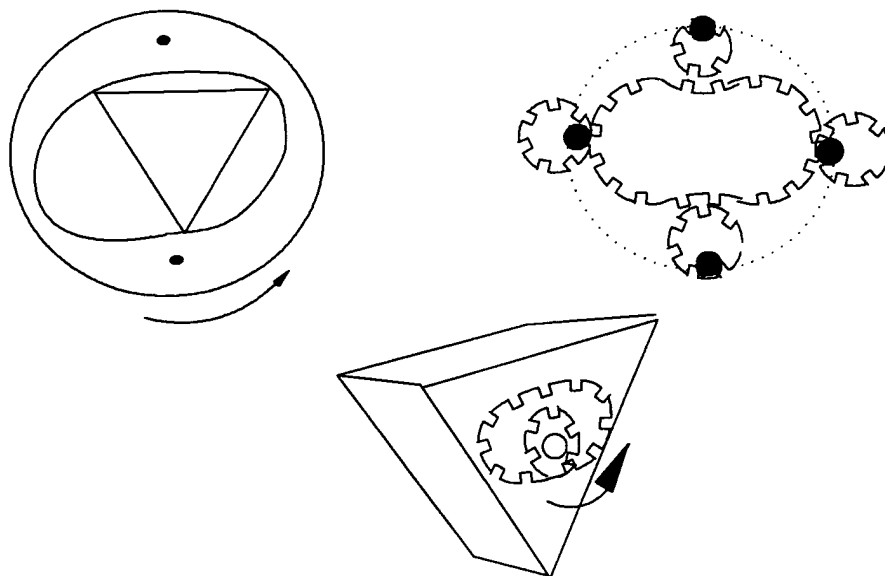


d)

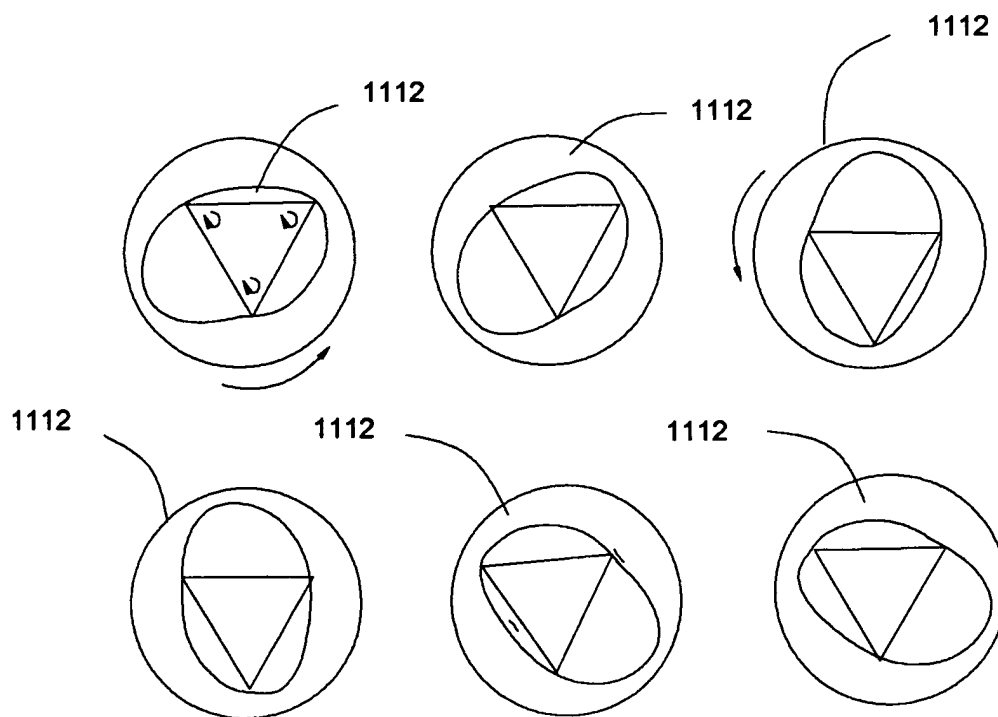


# Replacement sheet

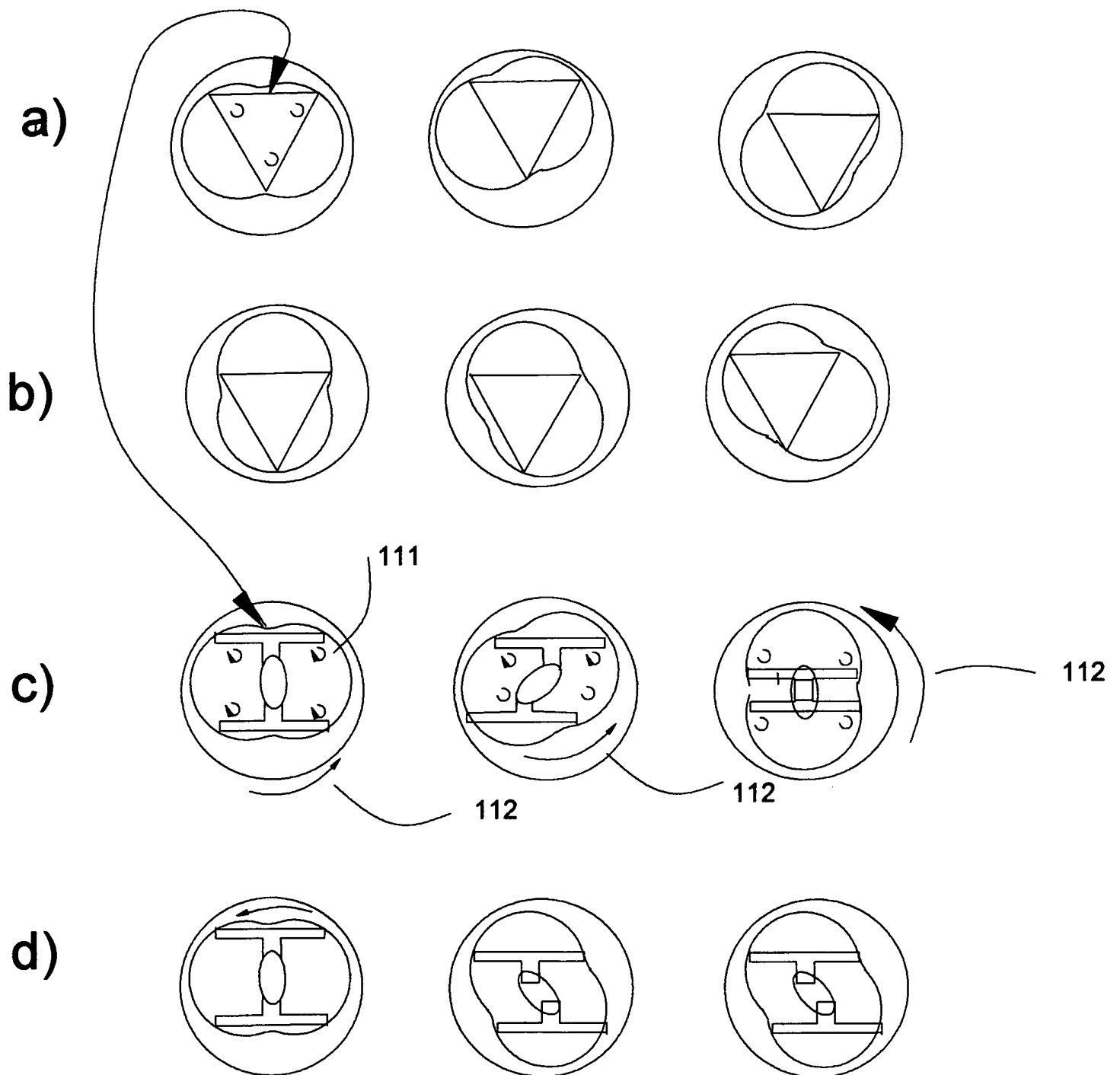
a)



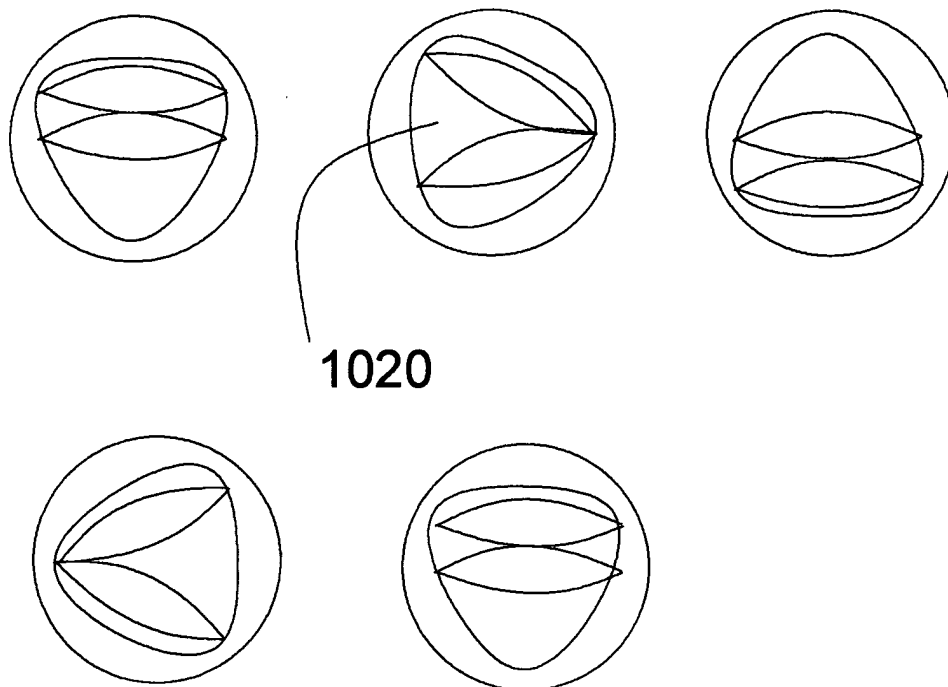
b)



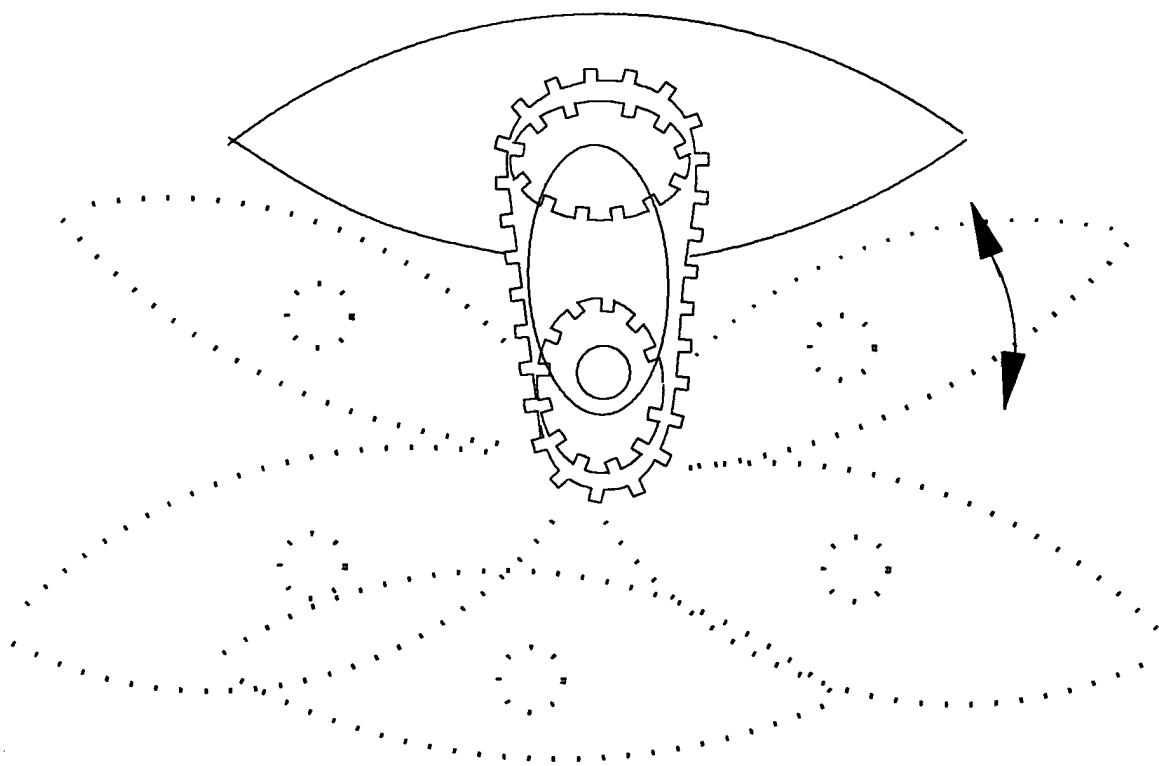
# Replacement Sheet



a)



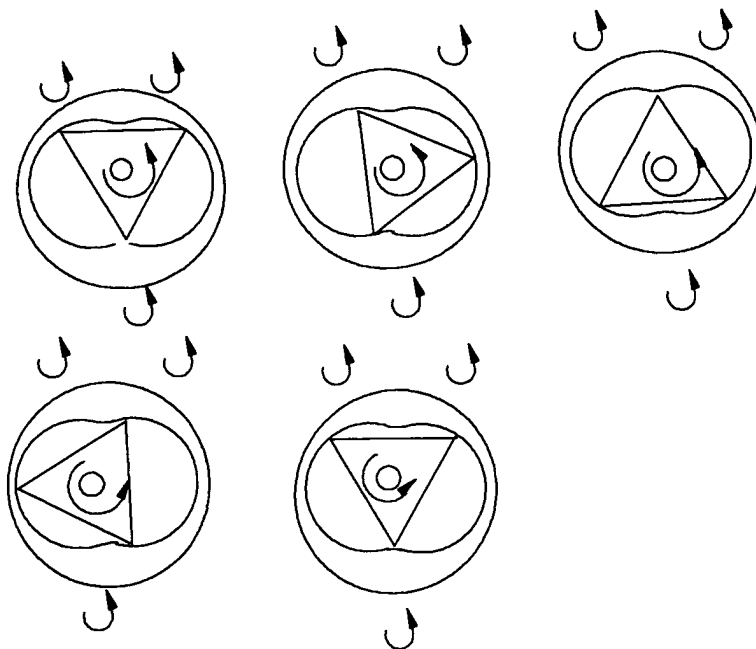
b)



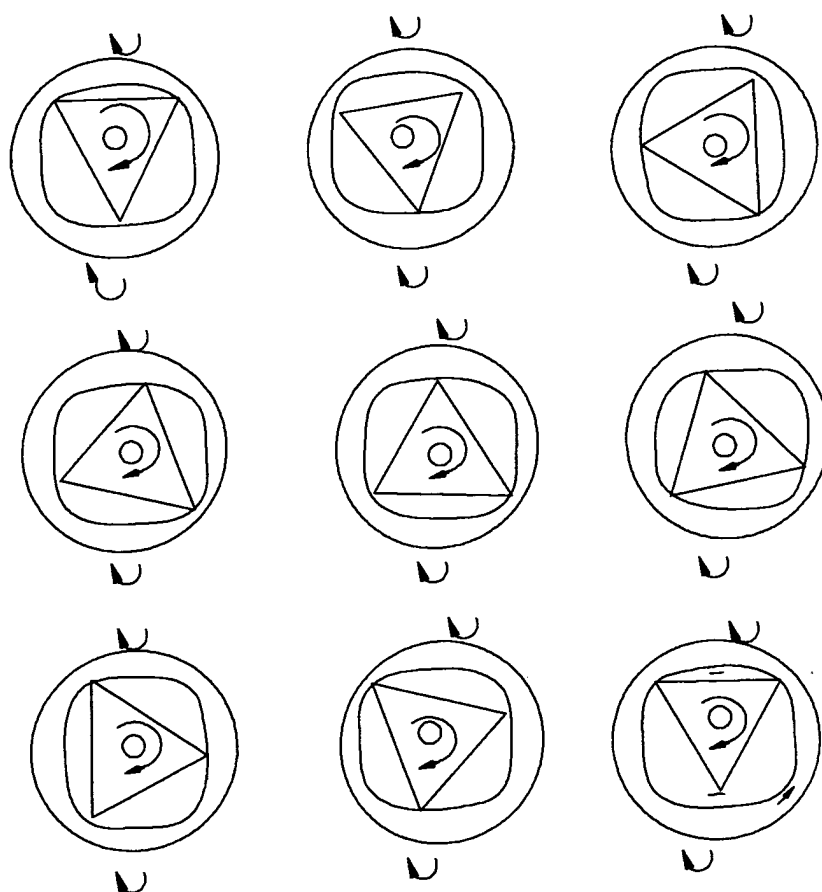


# Replacement sheet

a)

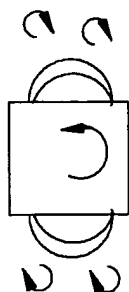


b)

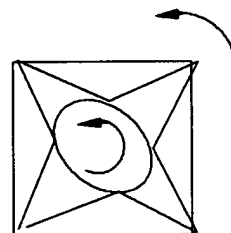
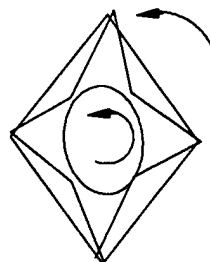
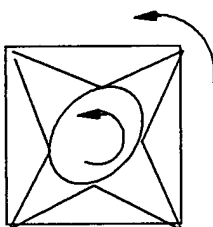
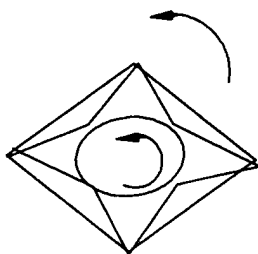


# Replacement Sheet

a)

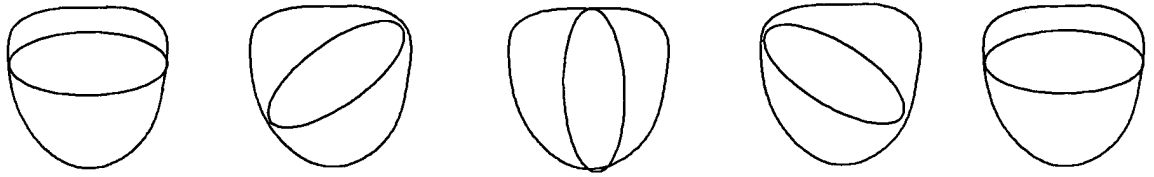


b)

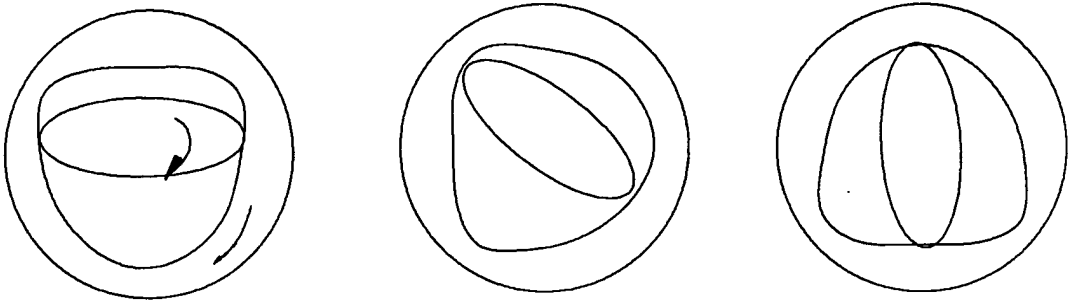


# Replacement sheet

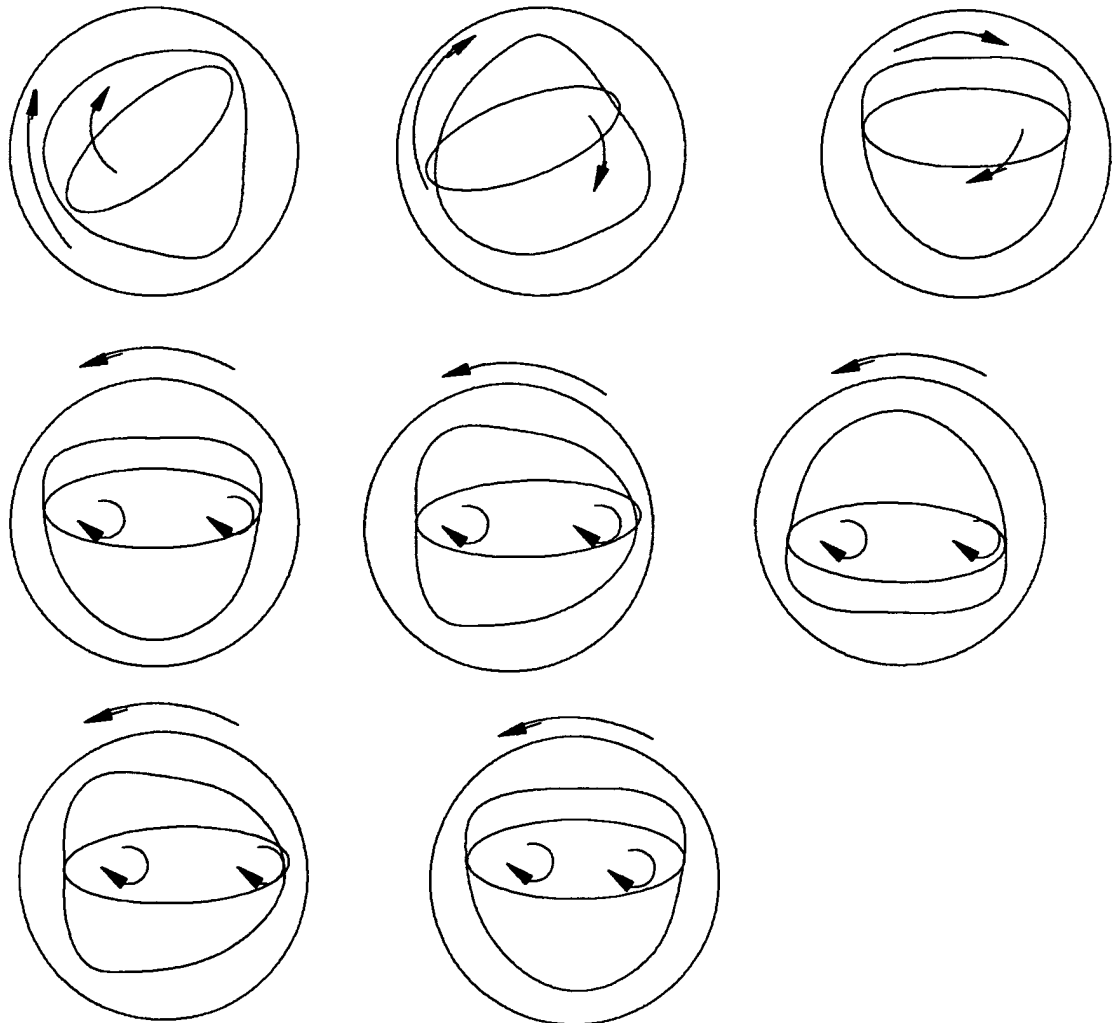
a)



b)

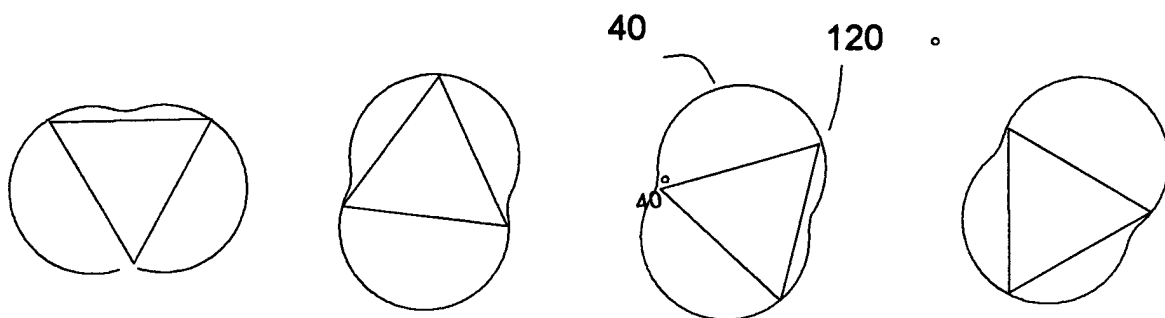


c)

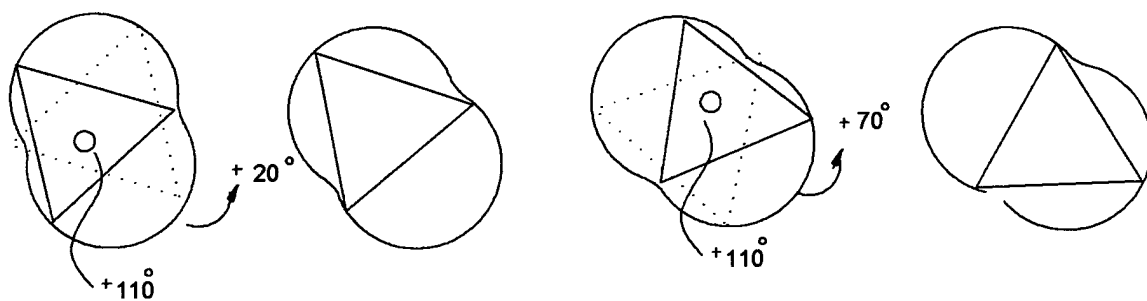


# Replacement Sheet

a)

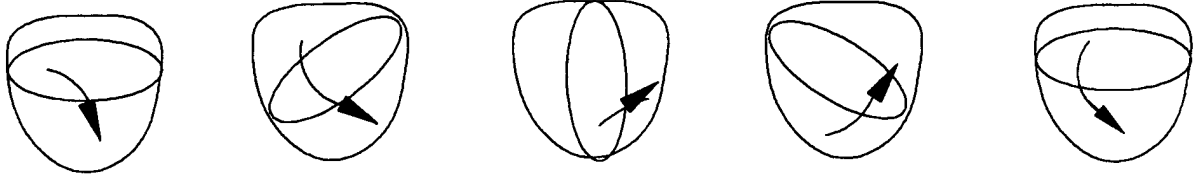


b)

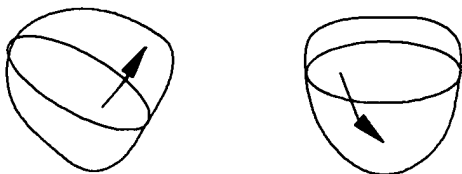
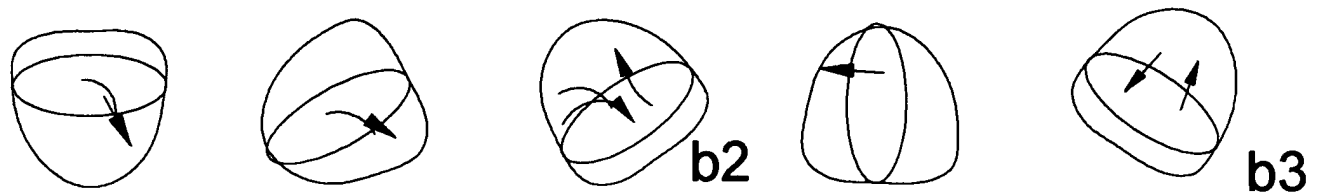


# Replacement sheet

a)

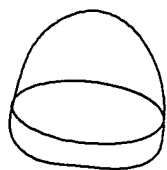
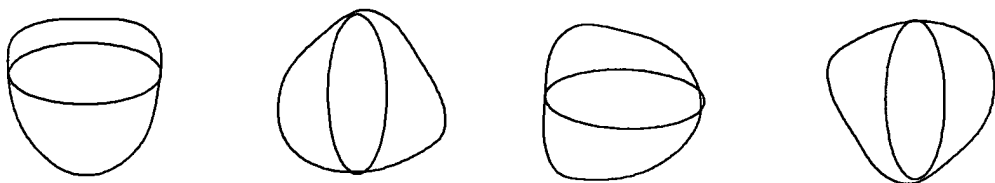


b)



c1

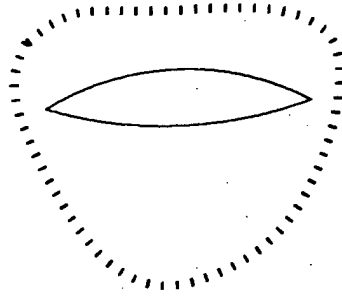
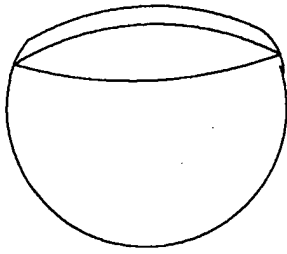
c)



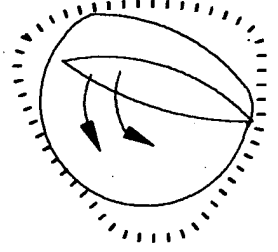
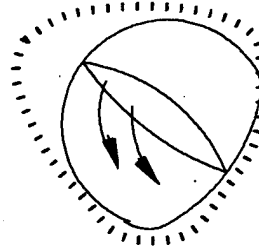
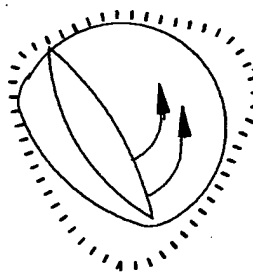
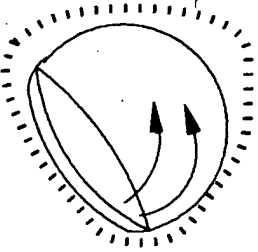
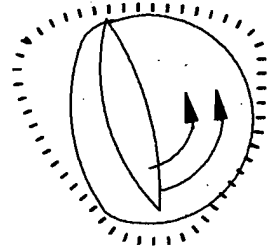
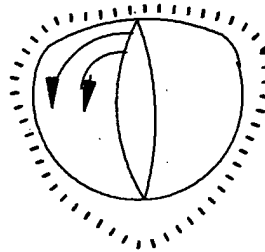
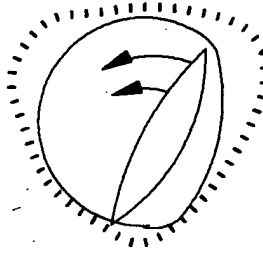
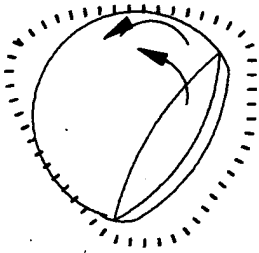
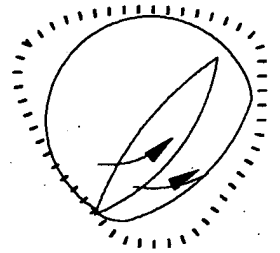
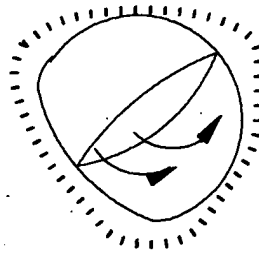
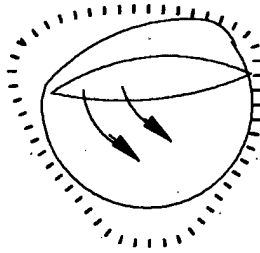
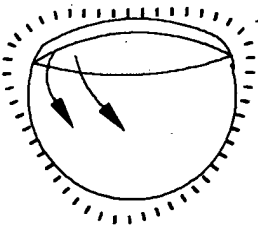
c3

# Replacement sheet

a)

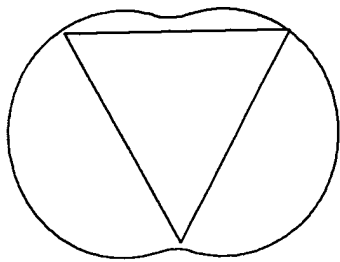


b)

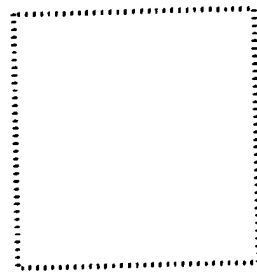


# Replacement sheet

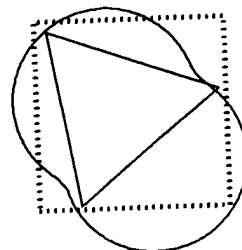
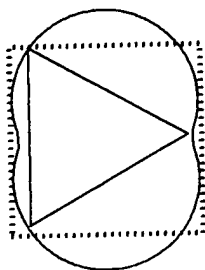
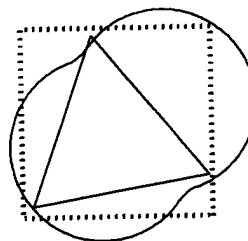
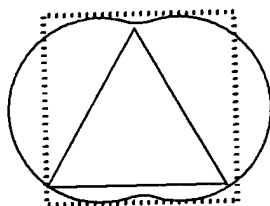
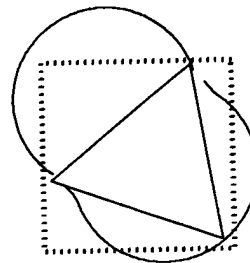
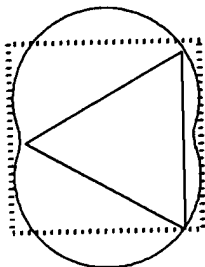
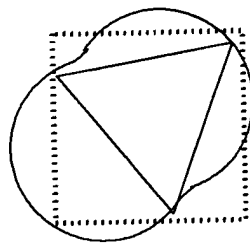
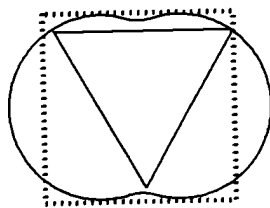
a)



b)

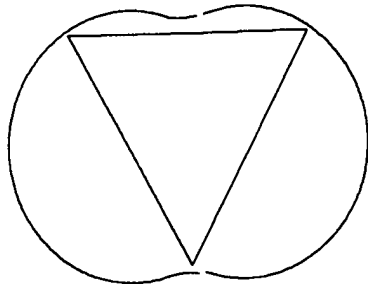


c)

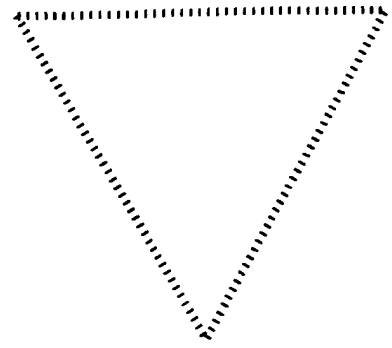


# Replacement sheet

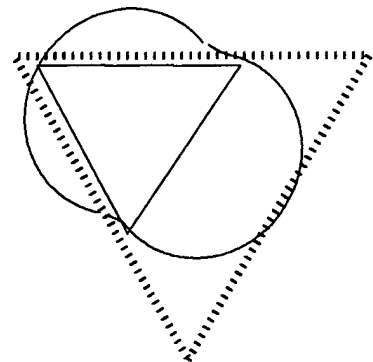
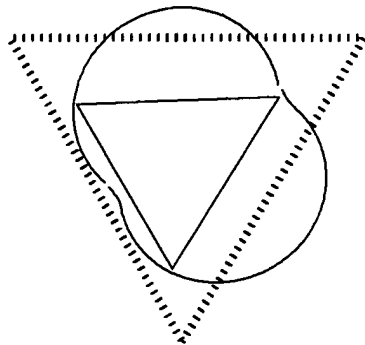
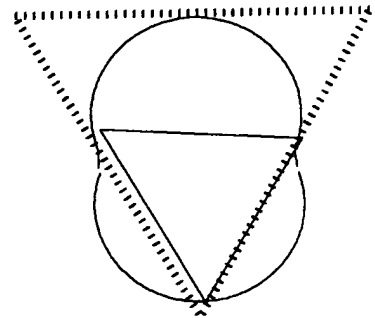
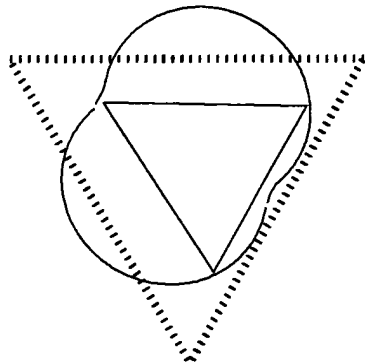
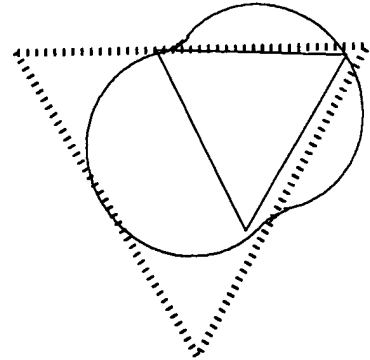
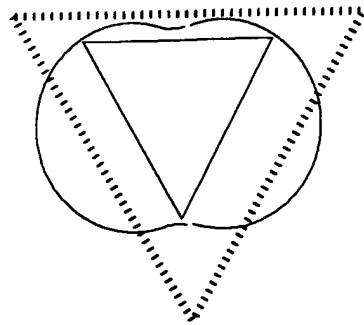
a)



b)



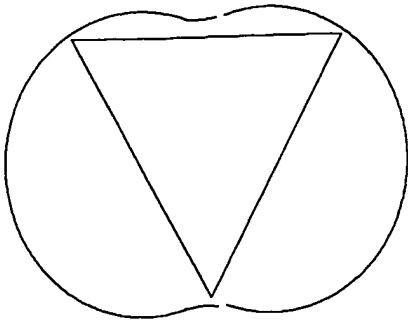
c)



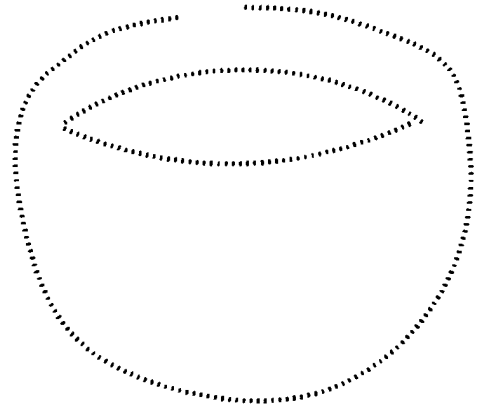


# Replacement sheet

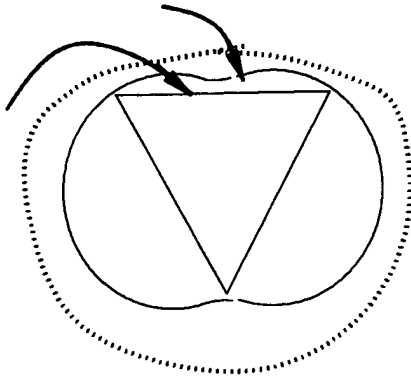
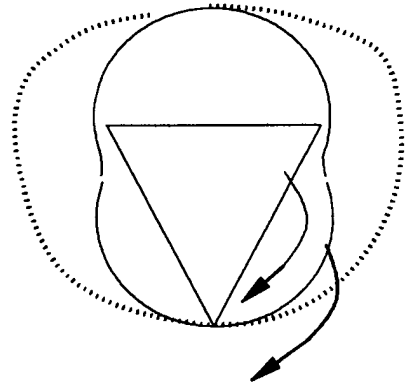
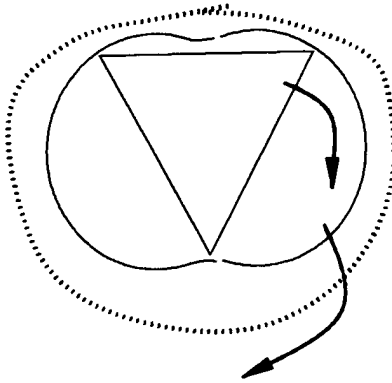
a)



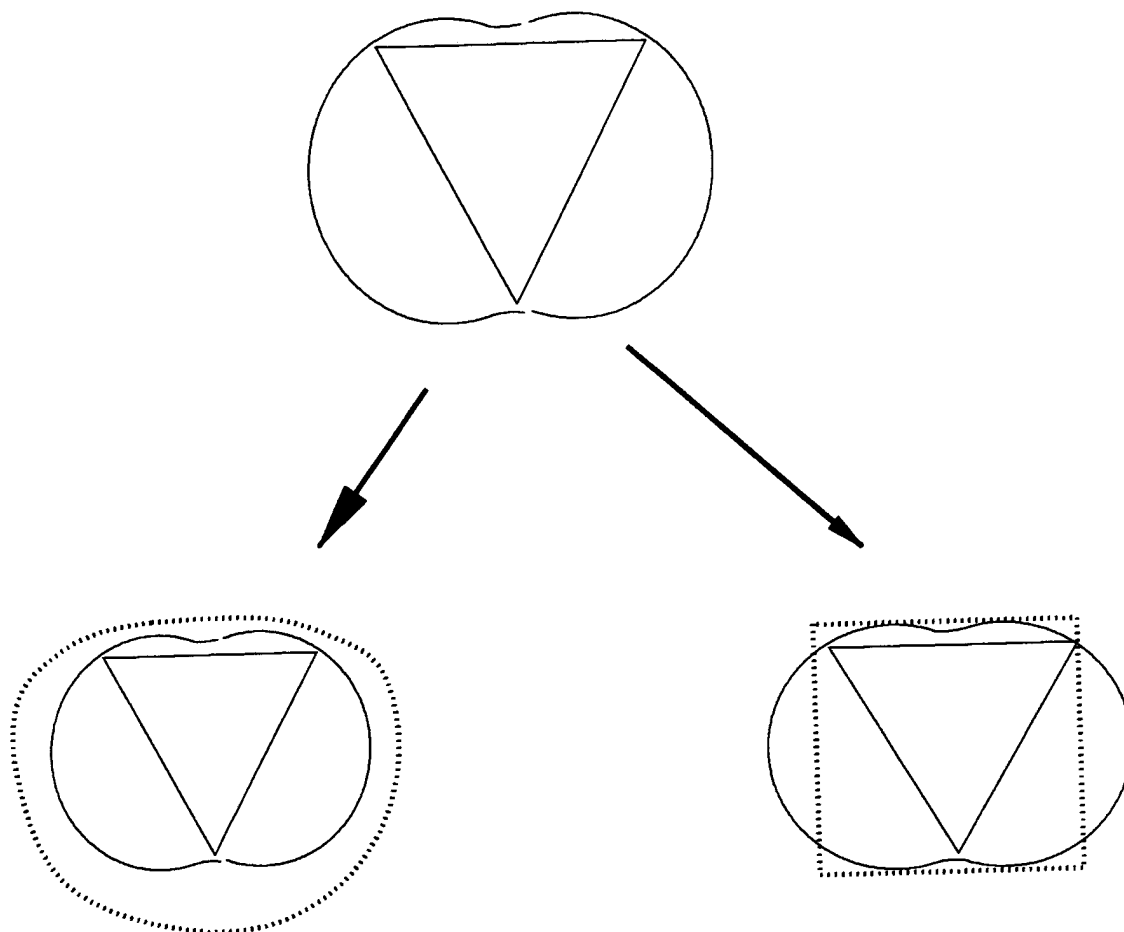
b)



c)



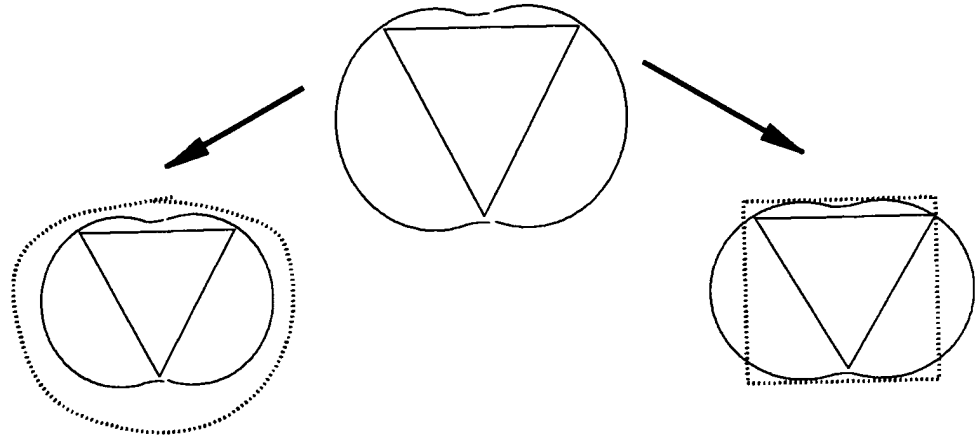
# Replacement sheet



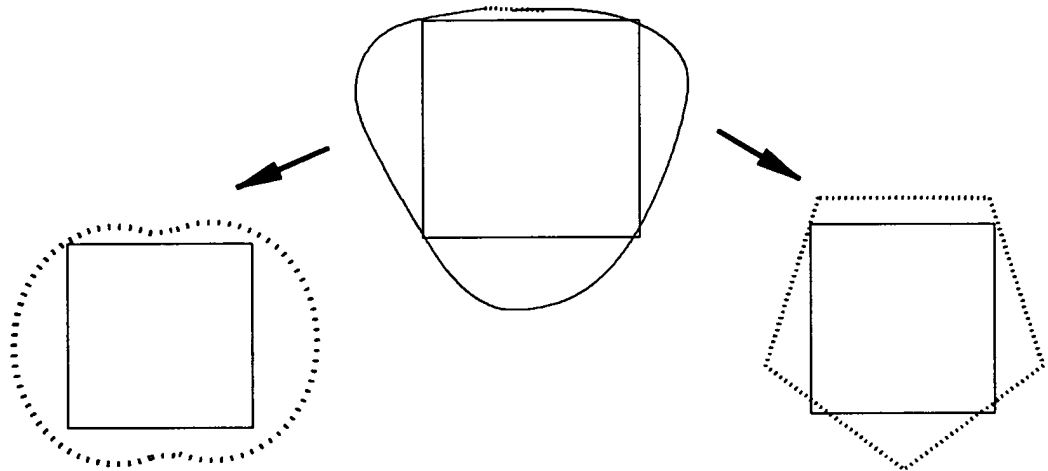
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# Replacement Sheet

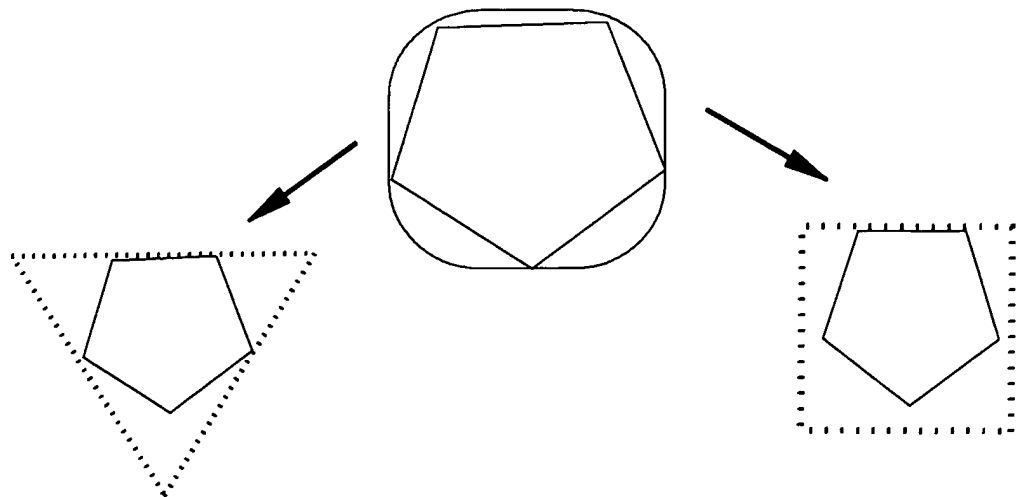
a)



b)

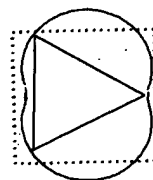
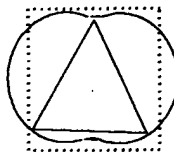
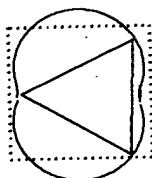
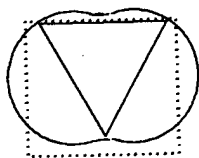
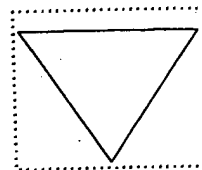
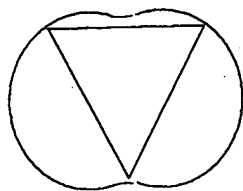


c)

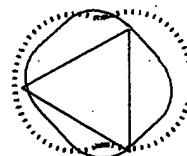
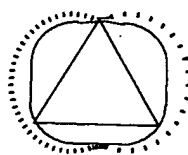
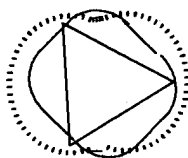
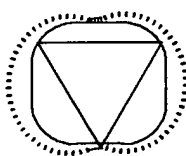
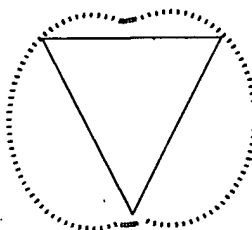
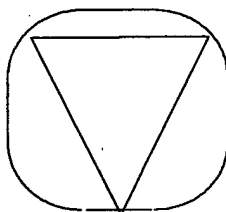


# Replacement sheet

a)

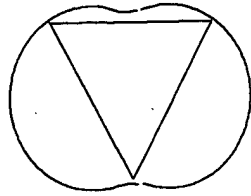


b)

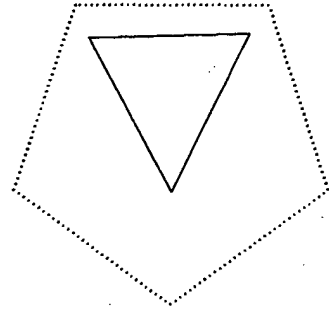


# Replacement Sheet

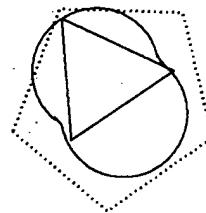
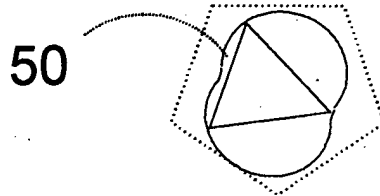
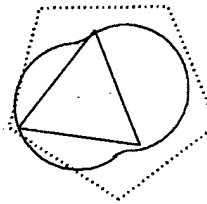
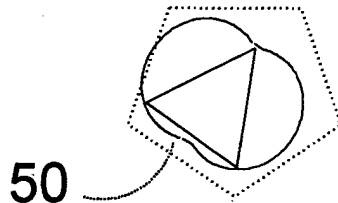
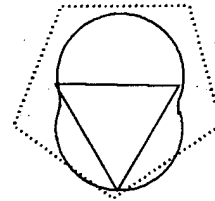
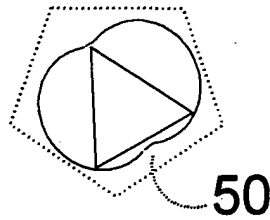
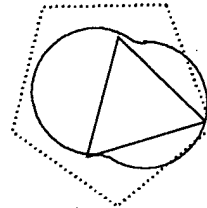
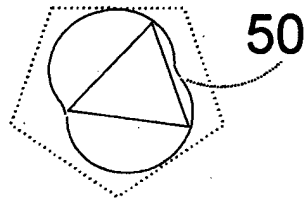
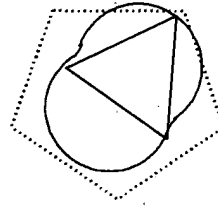
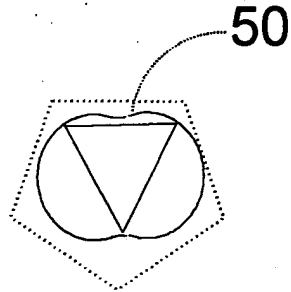
a)



b)

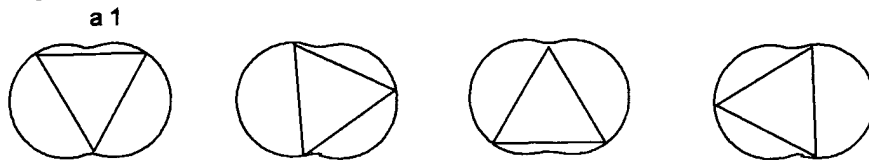


c)

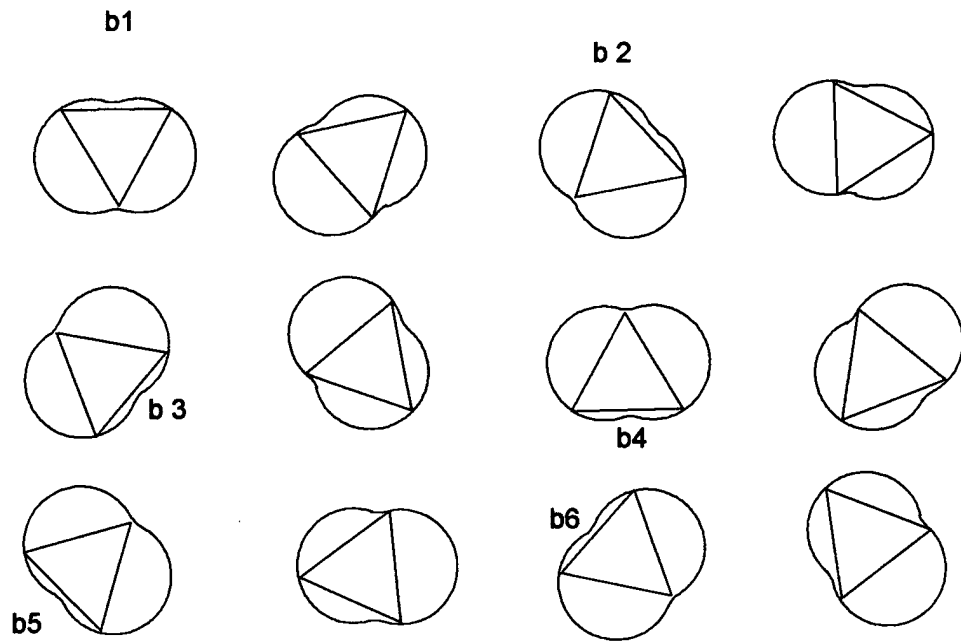


# Replacement sheet

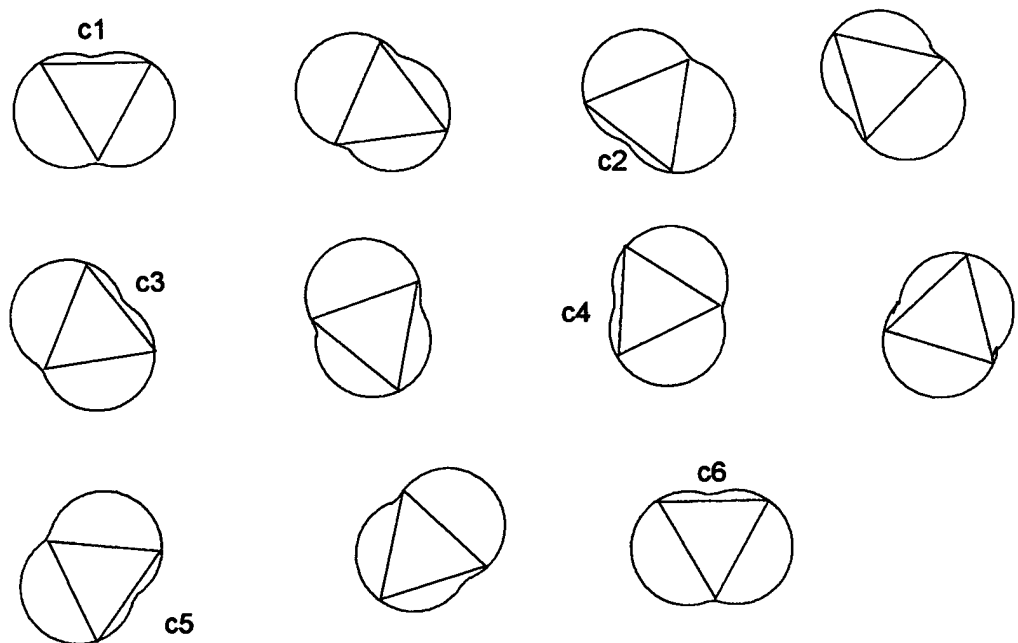
a)



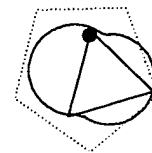
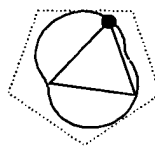
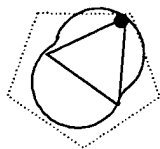
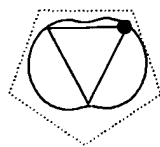
b)



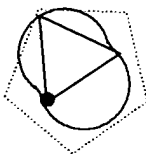
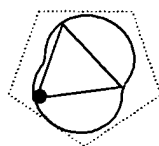
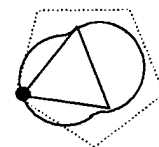
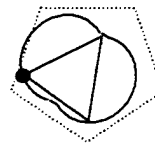
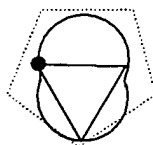
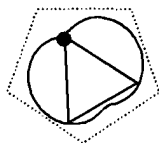
c)



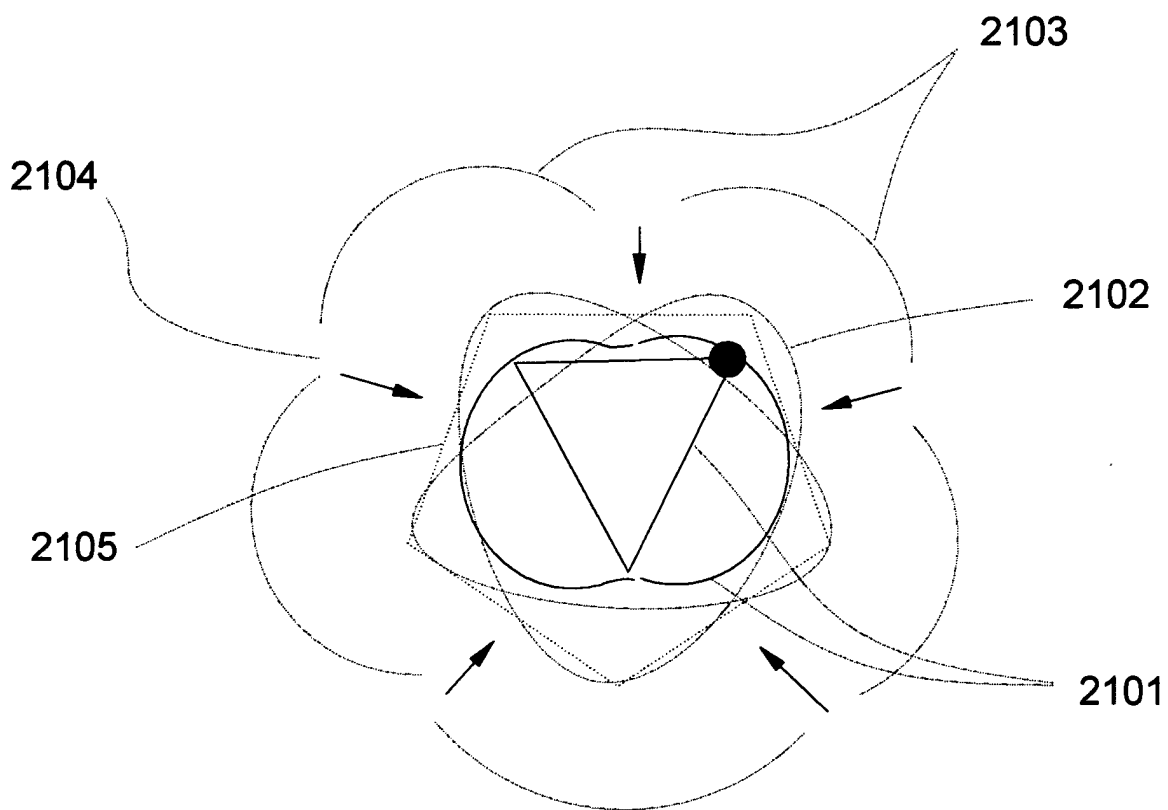
(added drawing) replacement sheet



a)

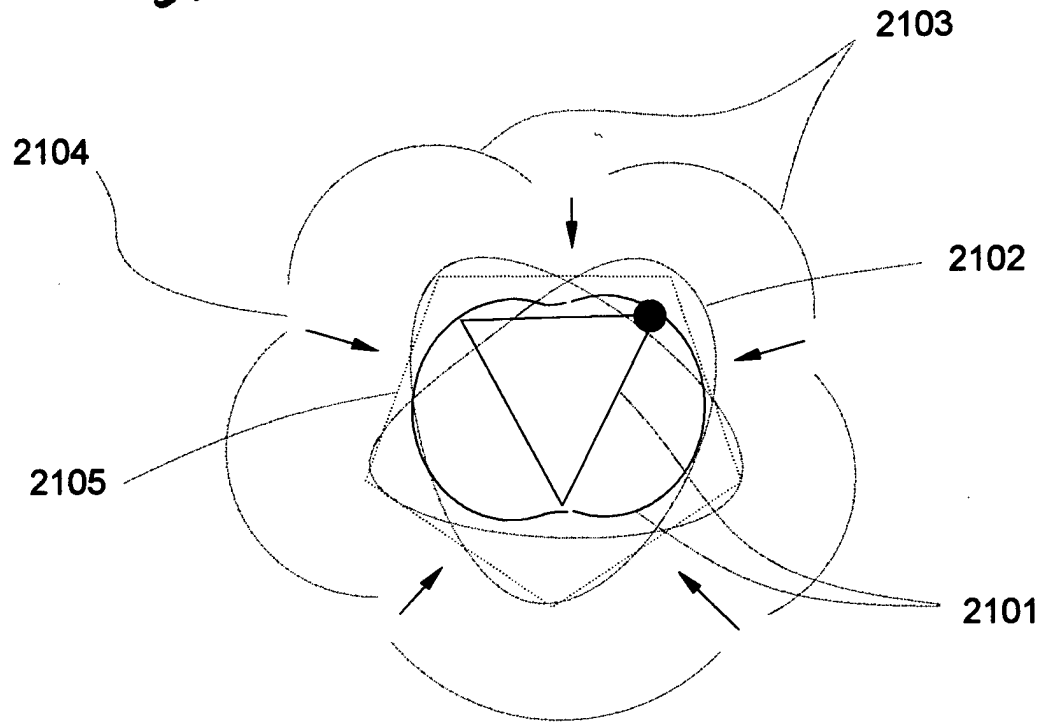


b)

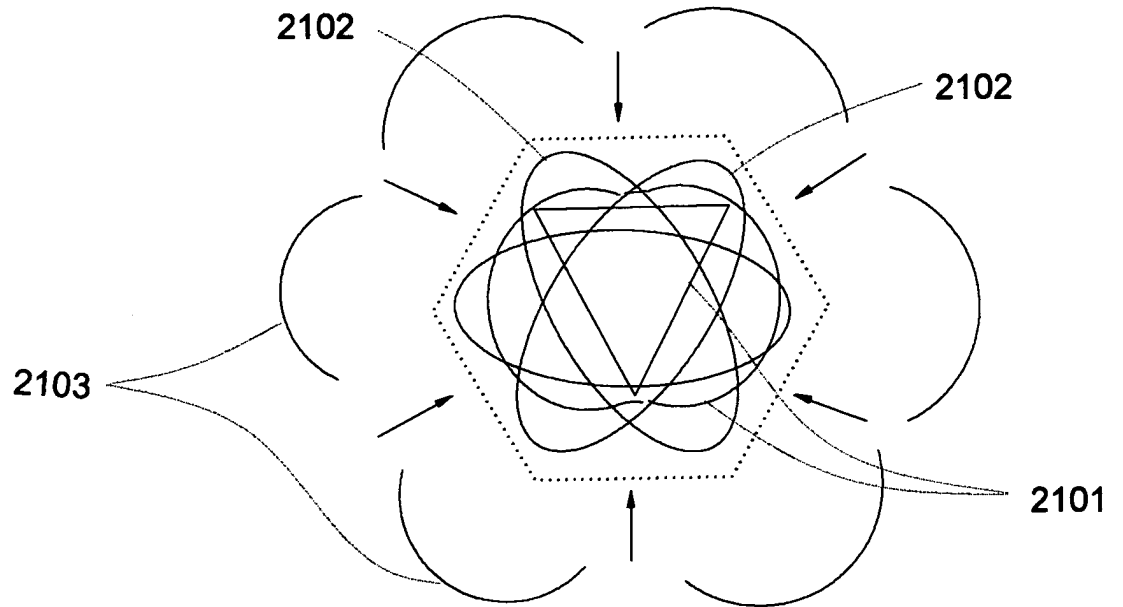


*( added drawings ) replacement sheet*

a)



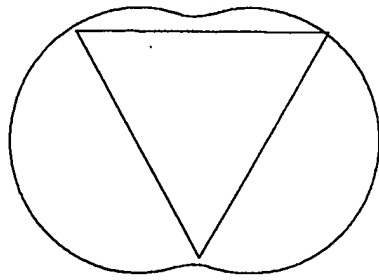
b)



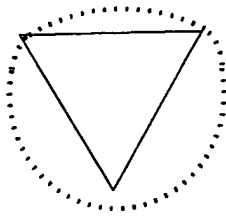


# Replacement Sheet

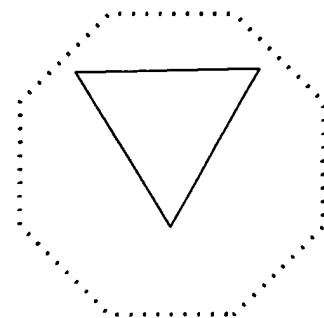
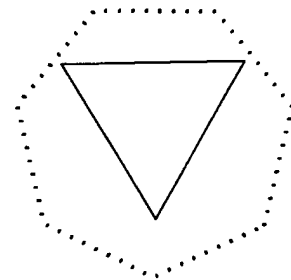
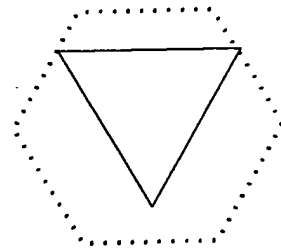
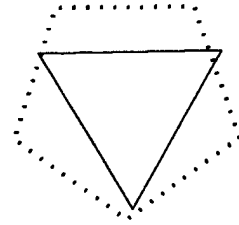
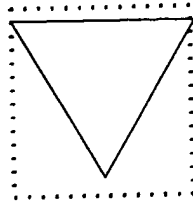
a)



b)

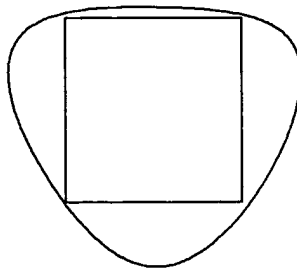


c)

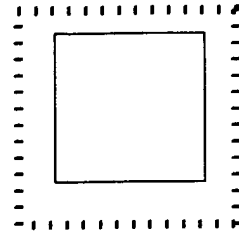


# Replacement Sheet

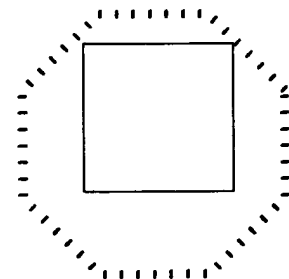
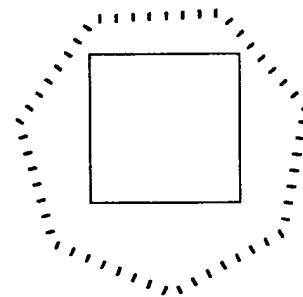
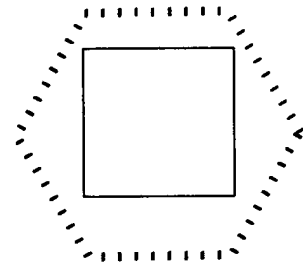
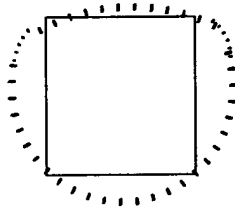
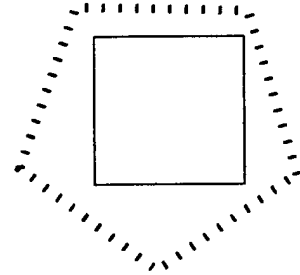
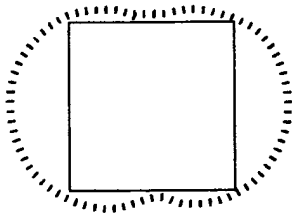
a)



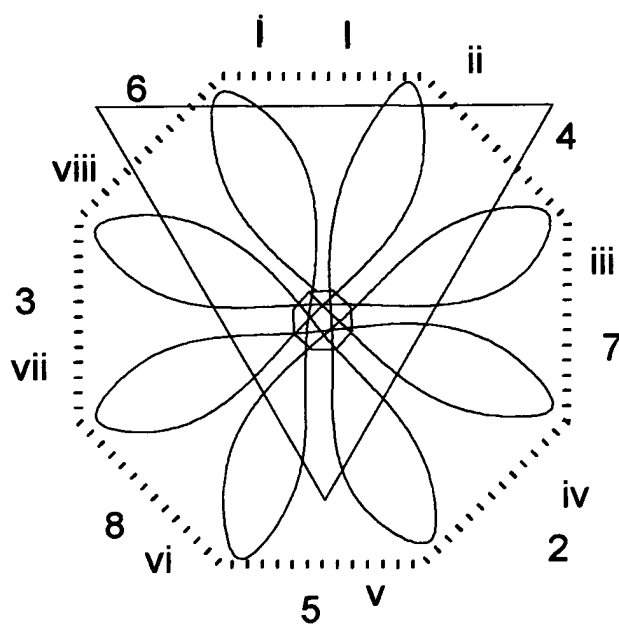
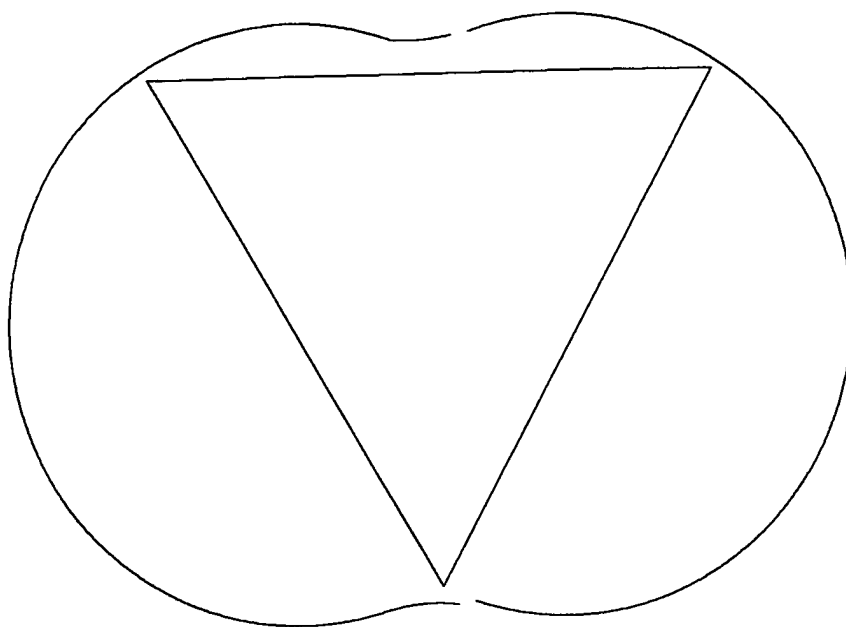
c)



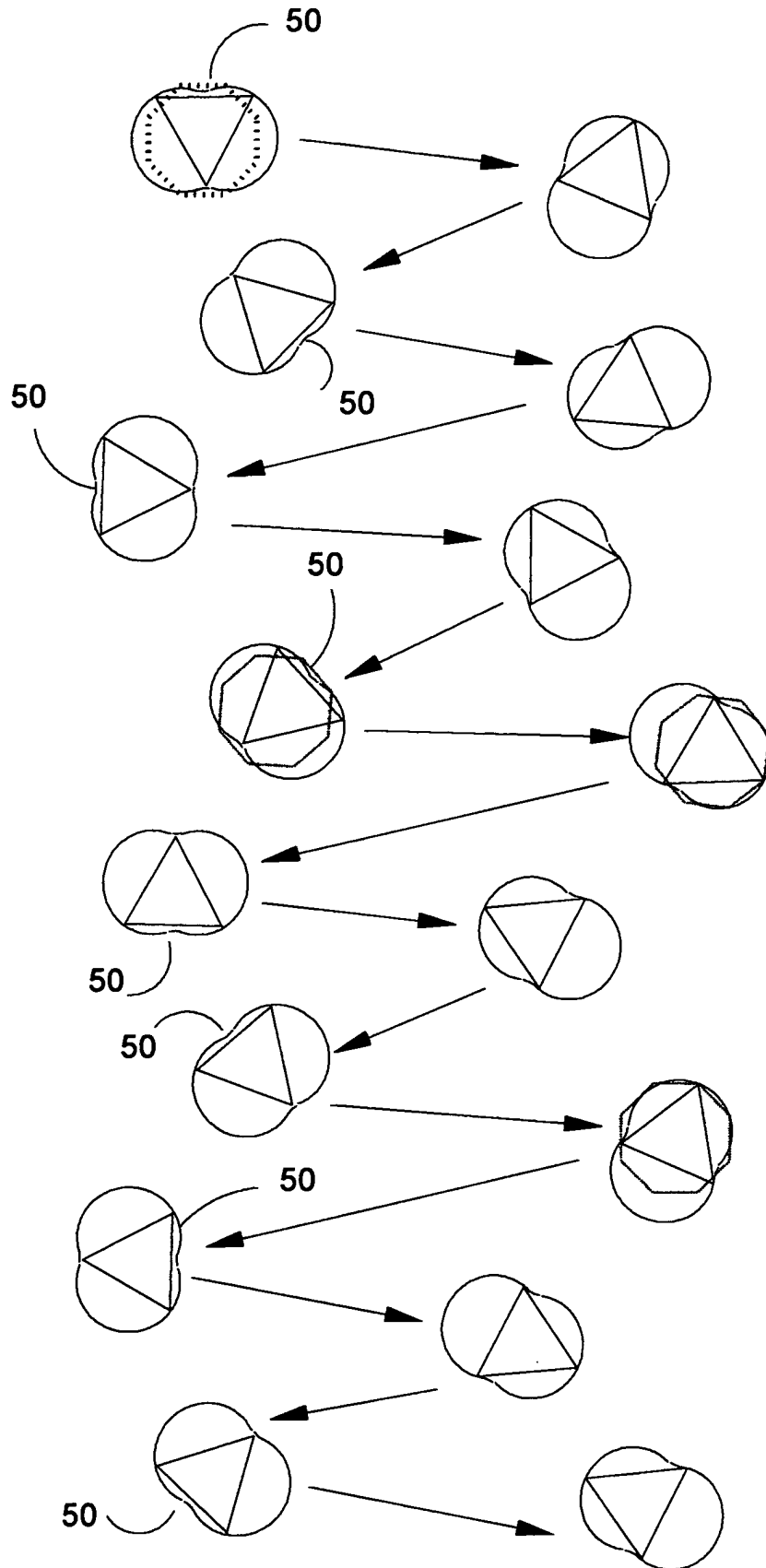
b)



# Replacement Sheet

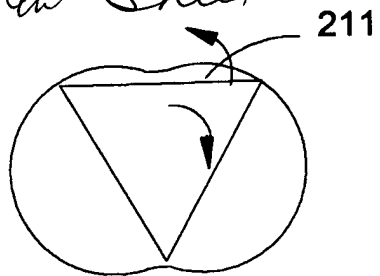


# Replacement Sheet

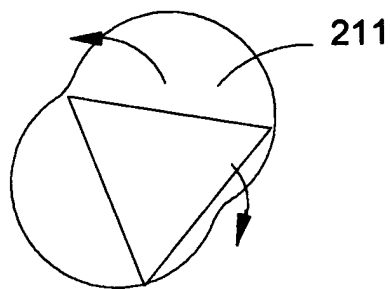


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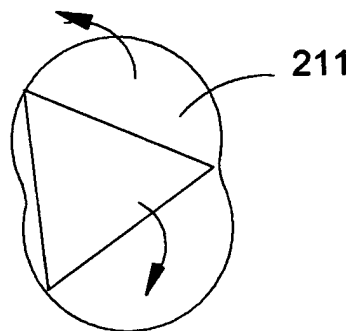
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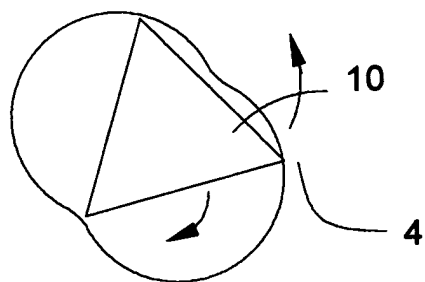
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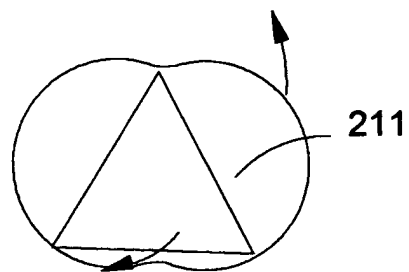
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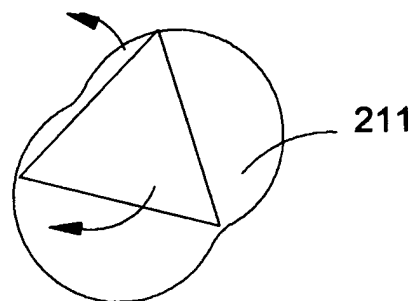
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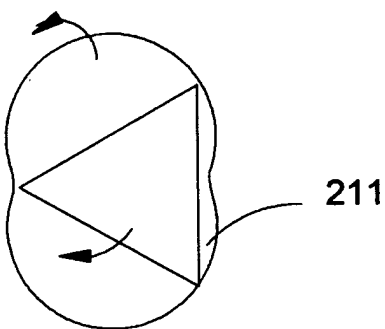
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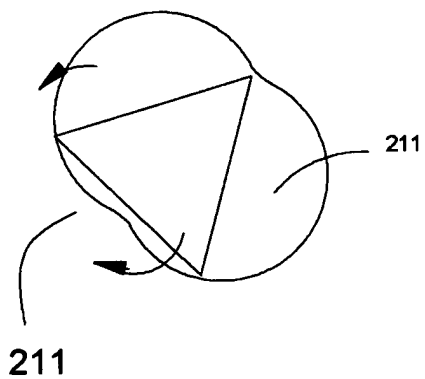
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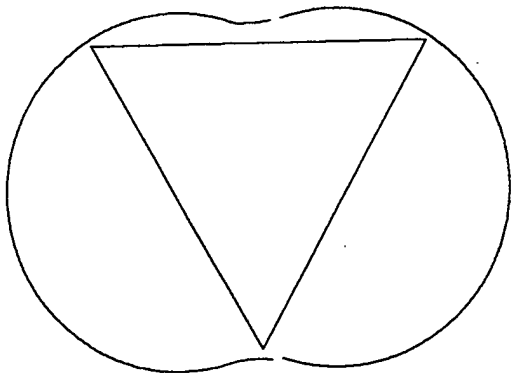
7



8

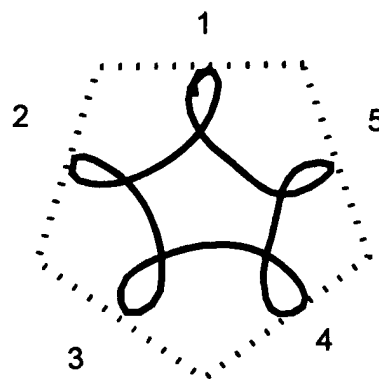
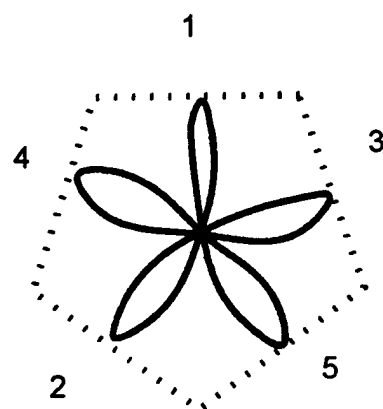
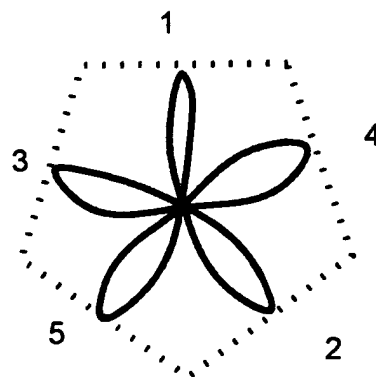
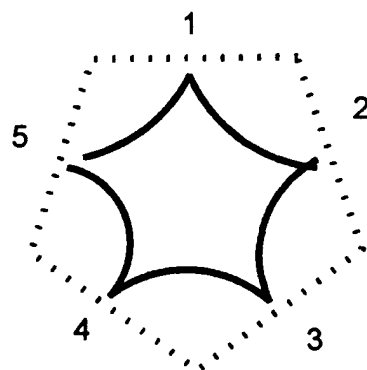


# Replacement Sheet

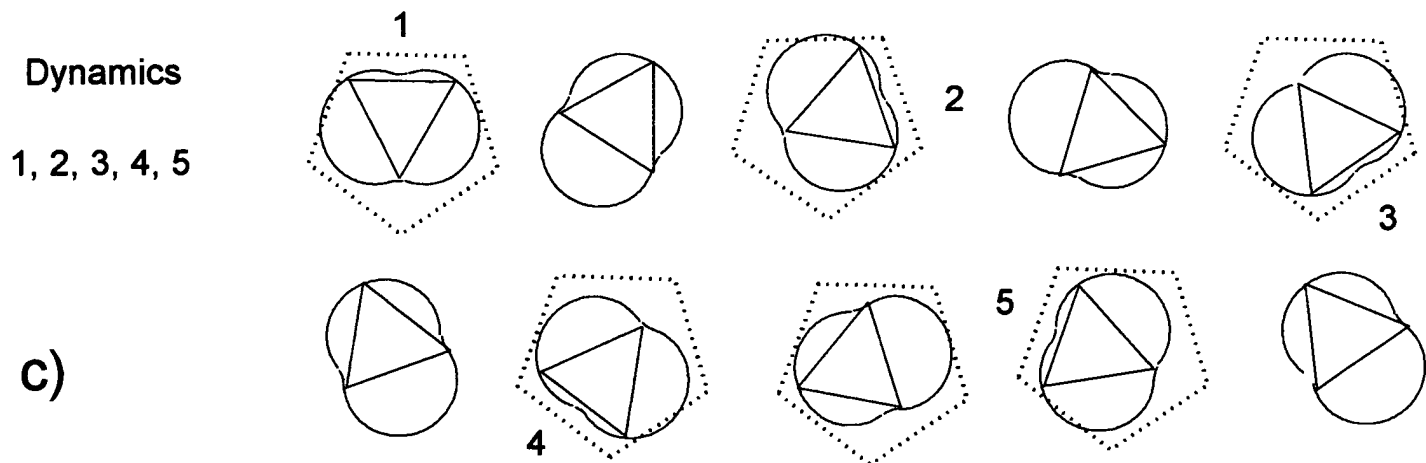
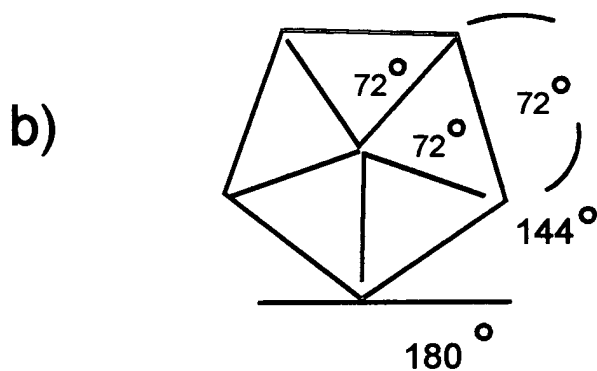
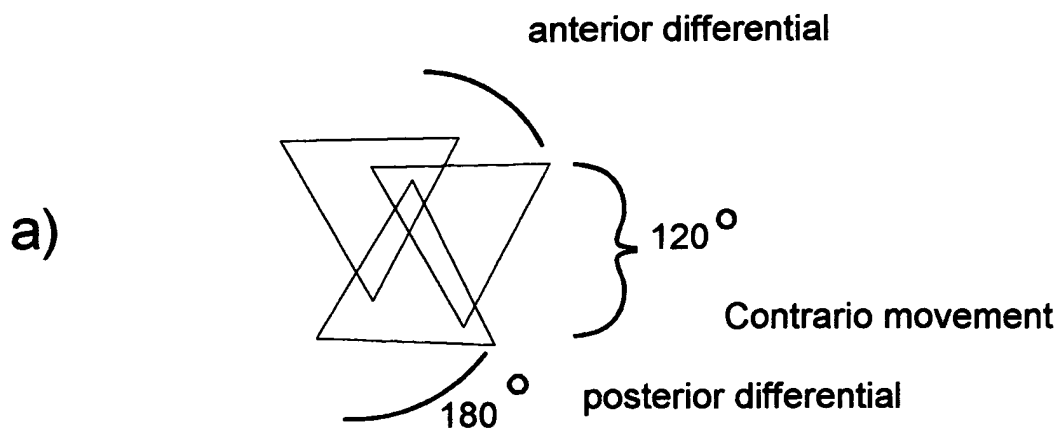


a)

b)

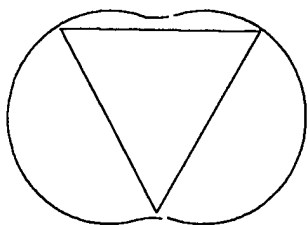


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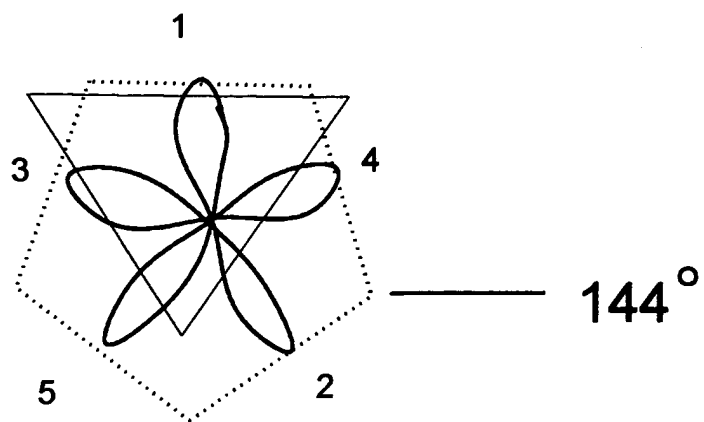


# Replacement sheet

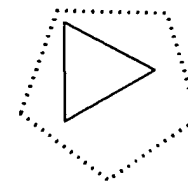
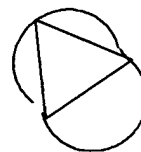
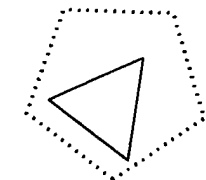
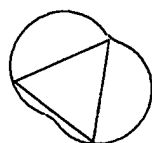
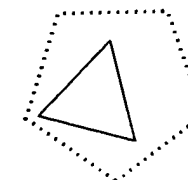
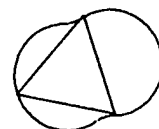
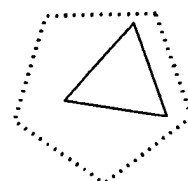
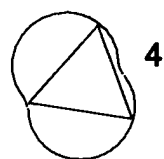
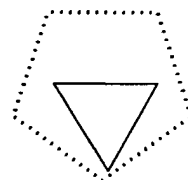
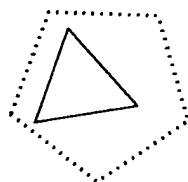
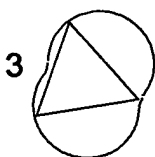
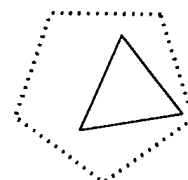
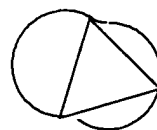
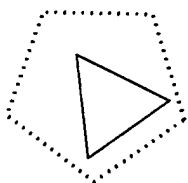
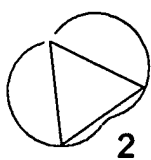
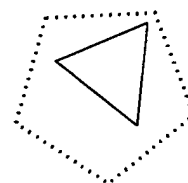
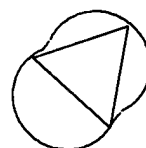
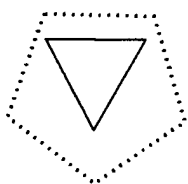
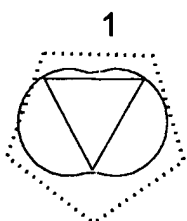
a)



b)



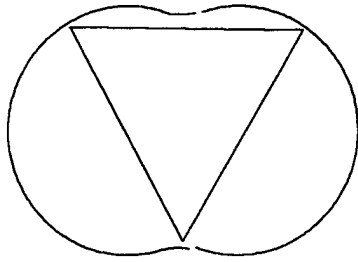
c)



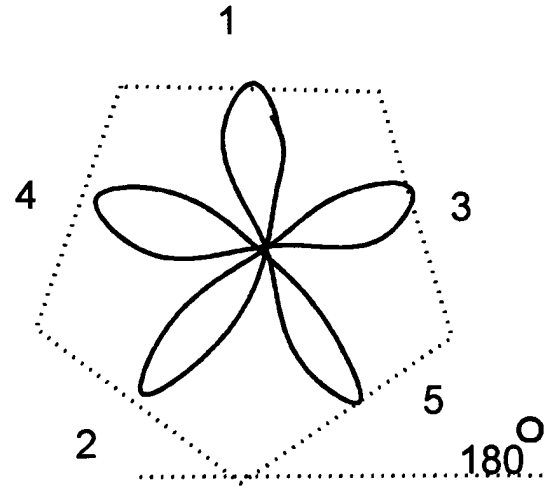


# Replacement sheet

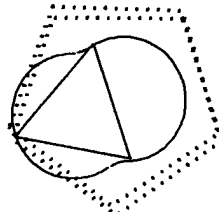
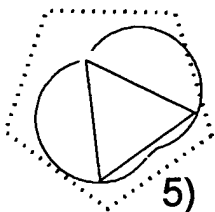
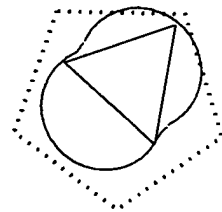
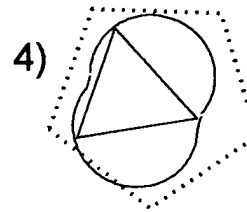
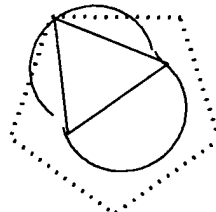
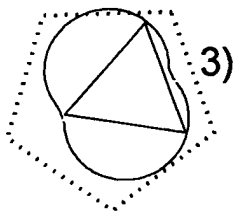
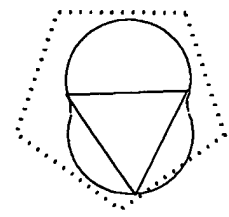
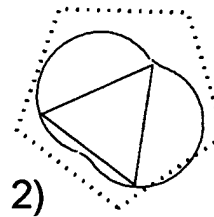
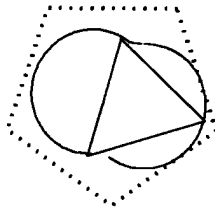
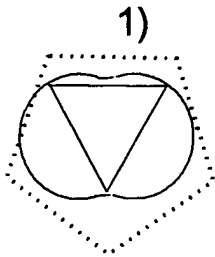
a)



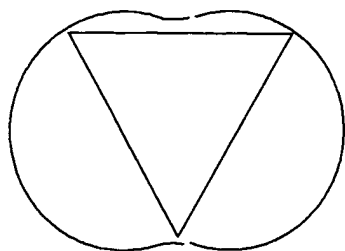
b)



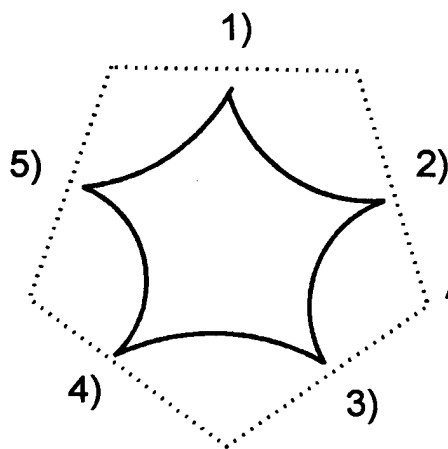
c)



# Replacement Sheet

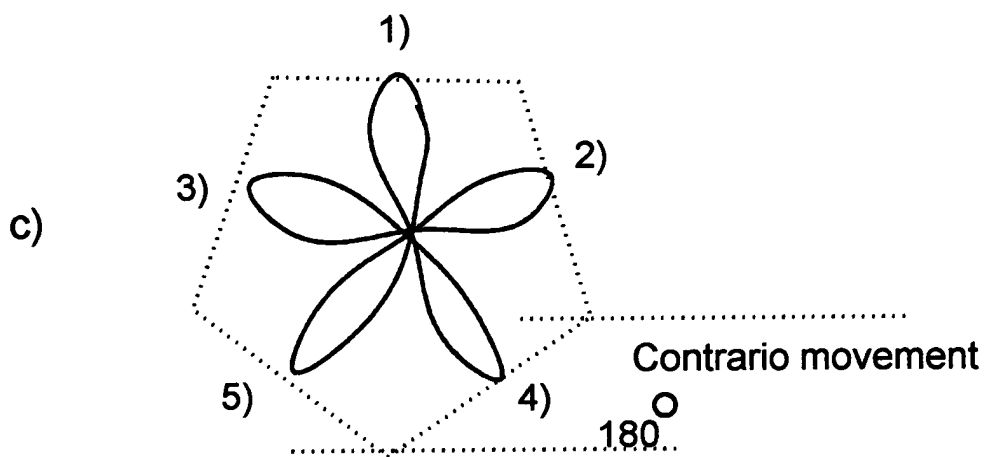


a)



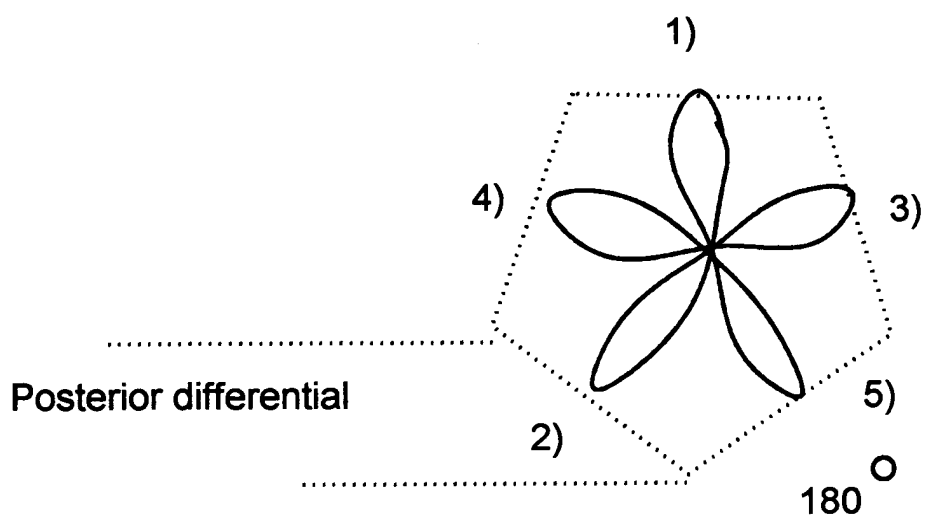
b)

Anterior differential



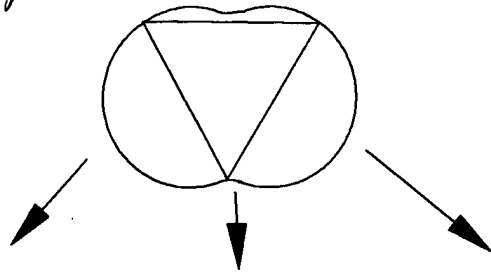
c)

Contrario movement

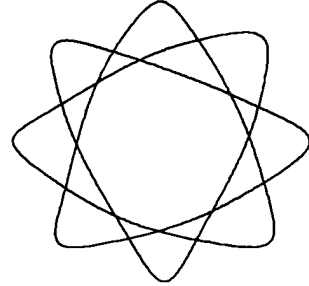
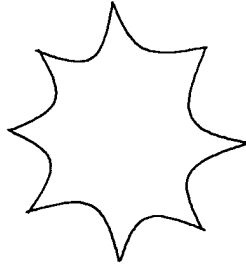
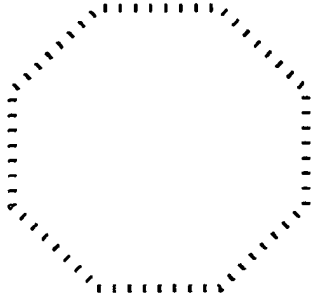


Posterior differential

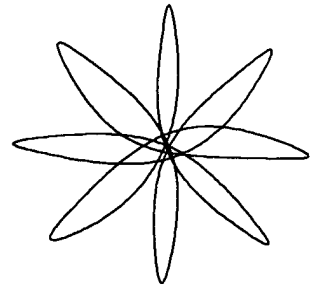
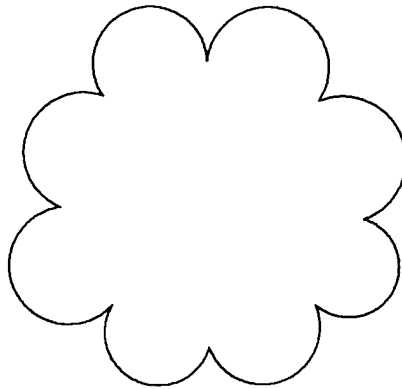
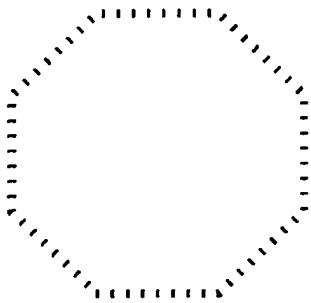
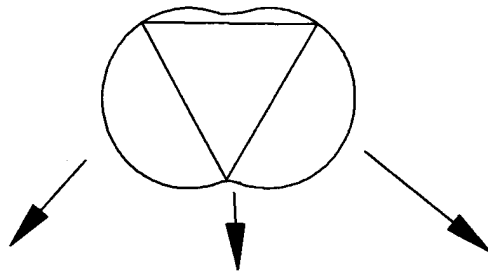
*(added drawings) replace main shirt*

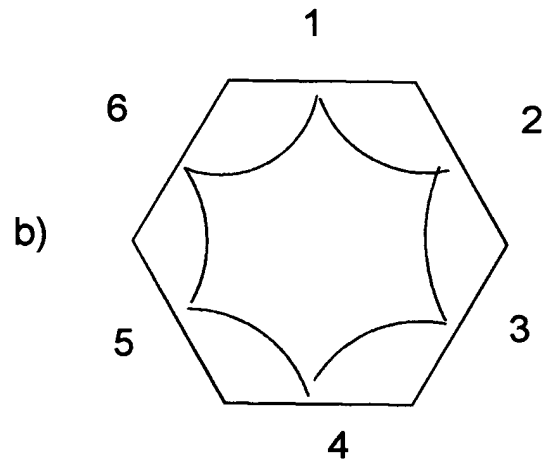
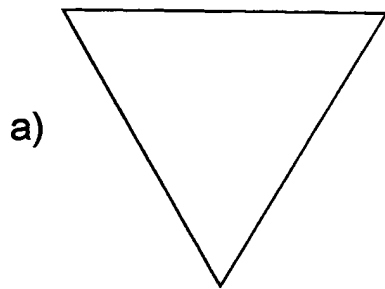


**a)**



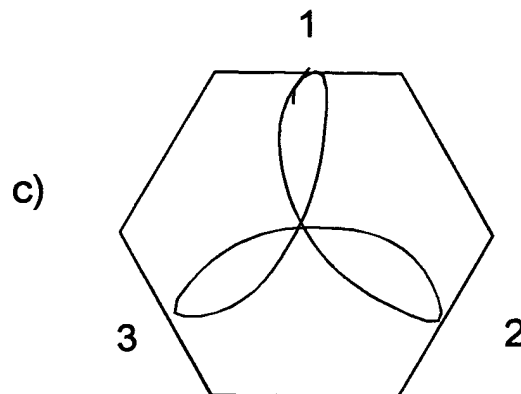
**b)**





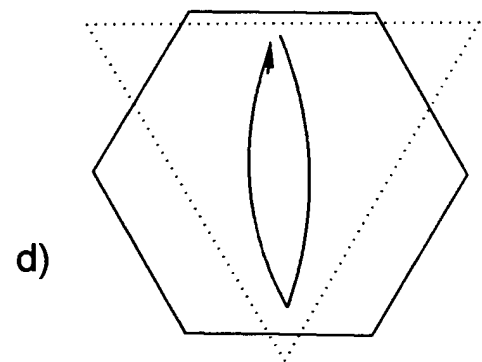
Sequential Figure

Successive Movement

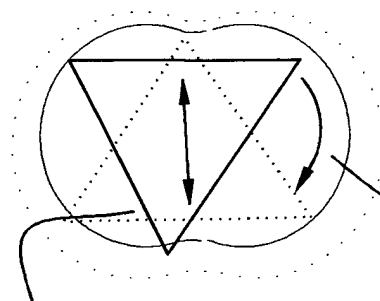


Translational Contrary Movement

Standard



e)

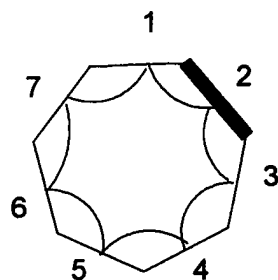
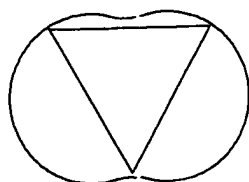


Motor Movement

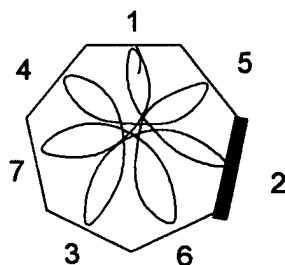
Geometrical Figure Movement

# Replacement Sheet

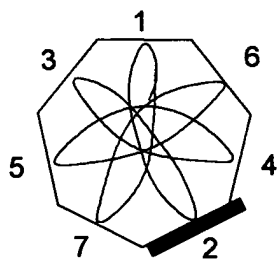
Translational motion



anterior differential



$110^{\circ}$



contrary

Posterior differential

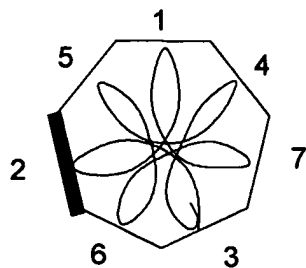
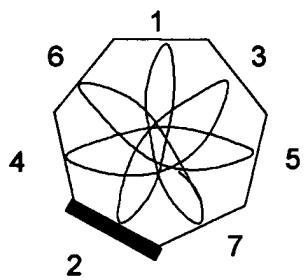
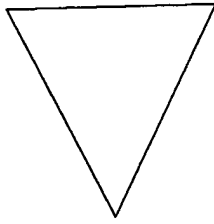
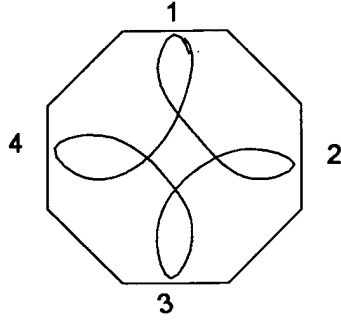
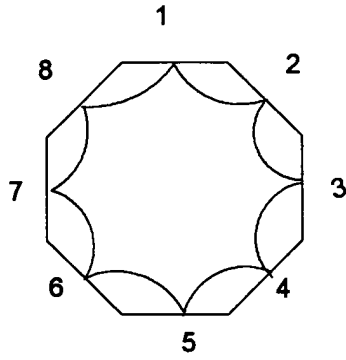


Figure of Sequence

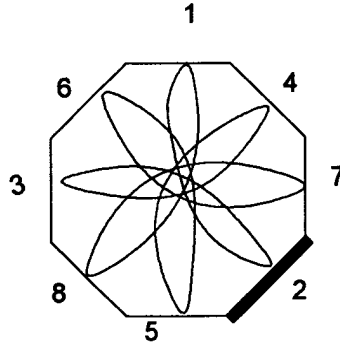
# Replacement sheet



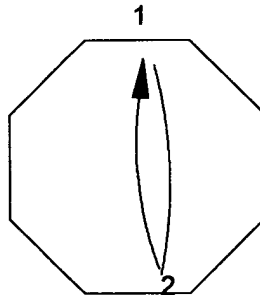
Anterior Differential



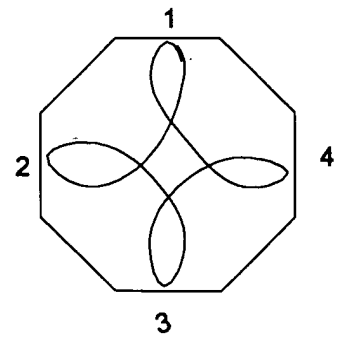
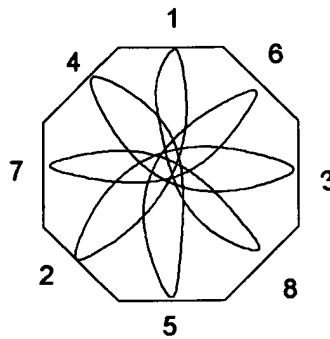
Step Sequential Figure  
r 3 v 8 s 3



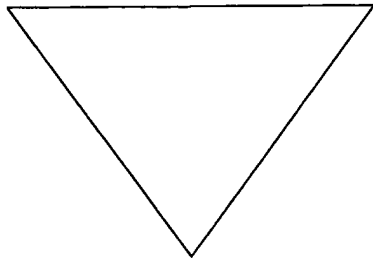
Standard



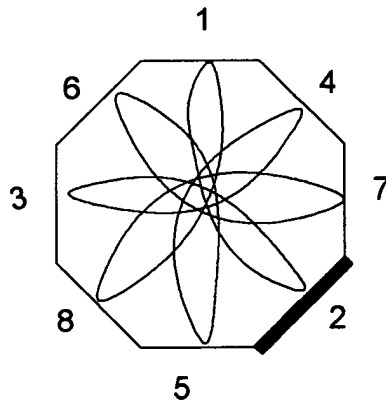
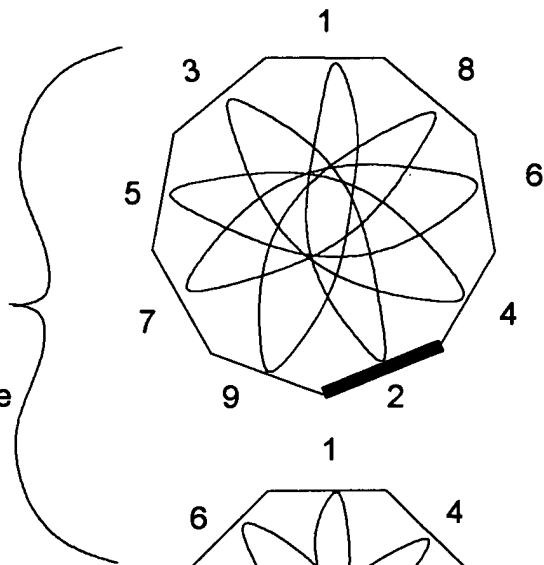
Posterior Differential



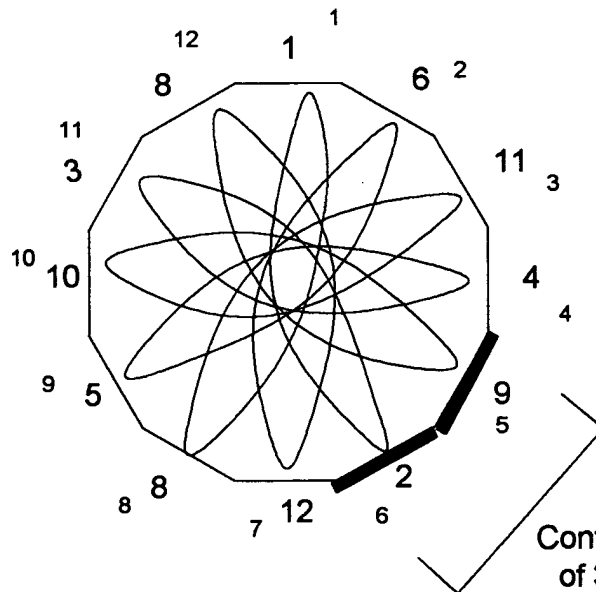
# Replacement Sheet



Multi Tranlational by Step Sequence  
9 sides



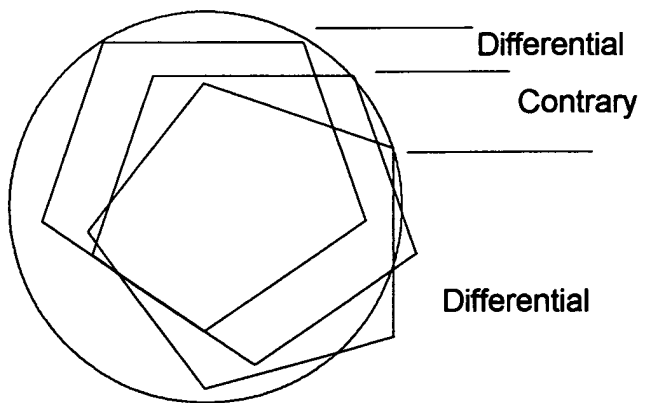
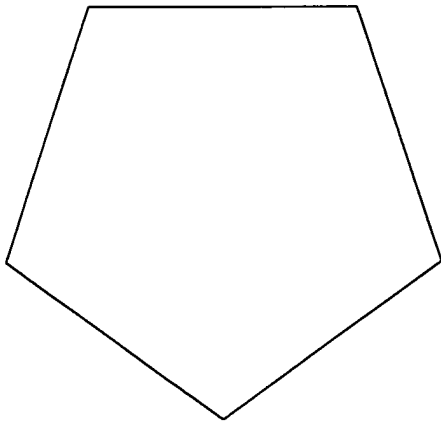
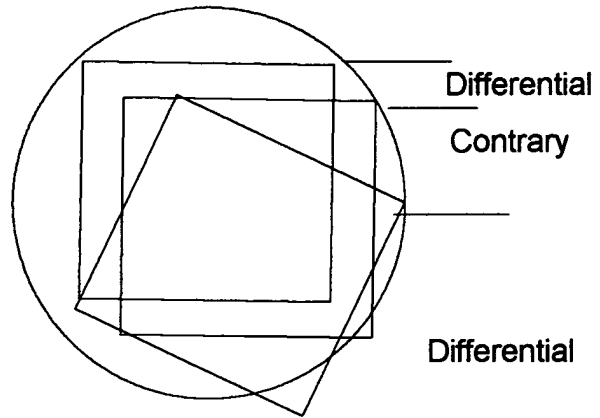
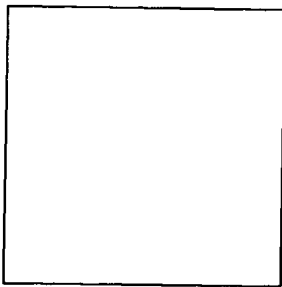
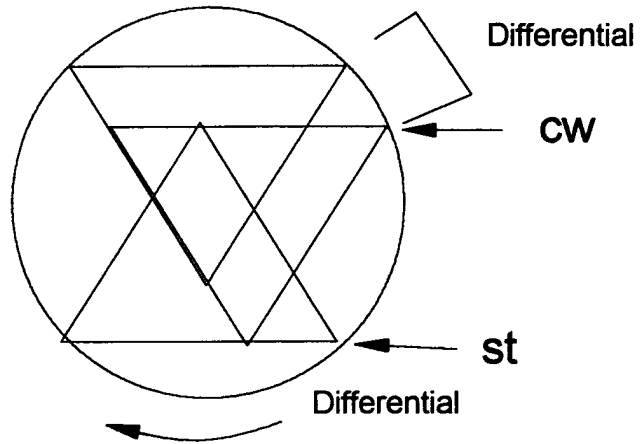
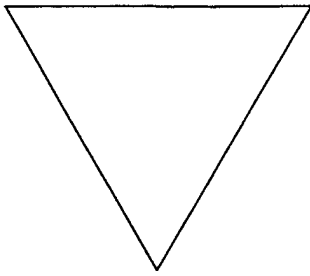
Multi Tranlational by Step Sequence  
12 sides



sequence : 1,5,11,4,9,2,7,12,5,10,3,8

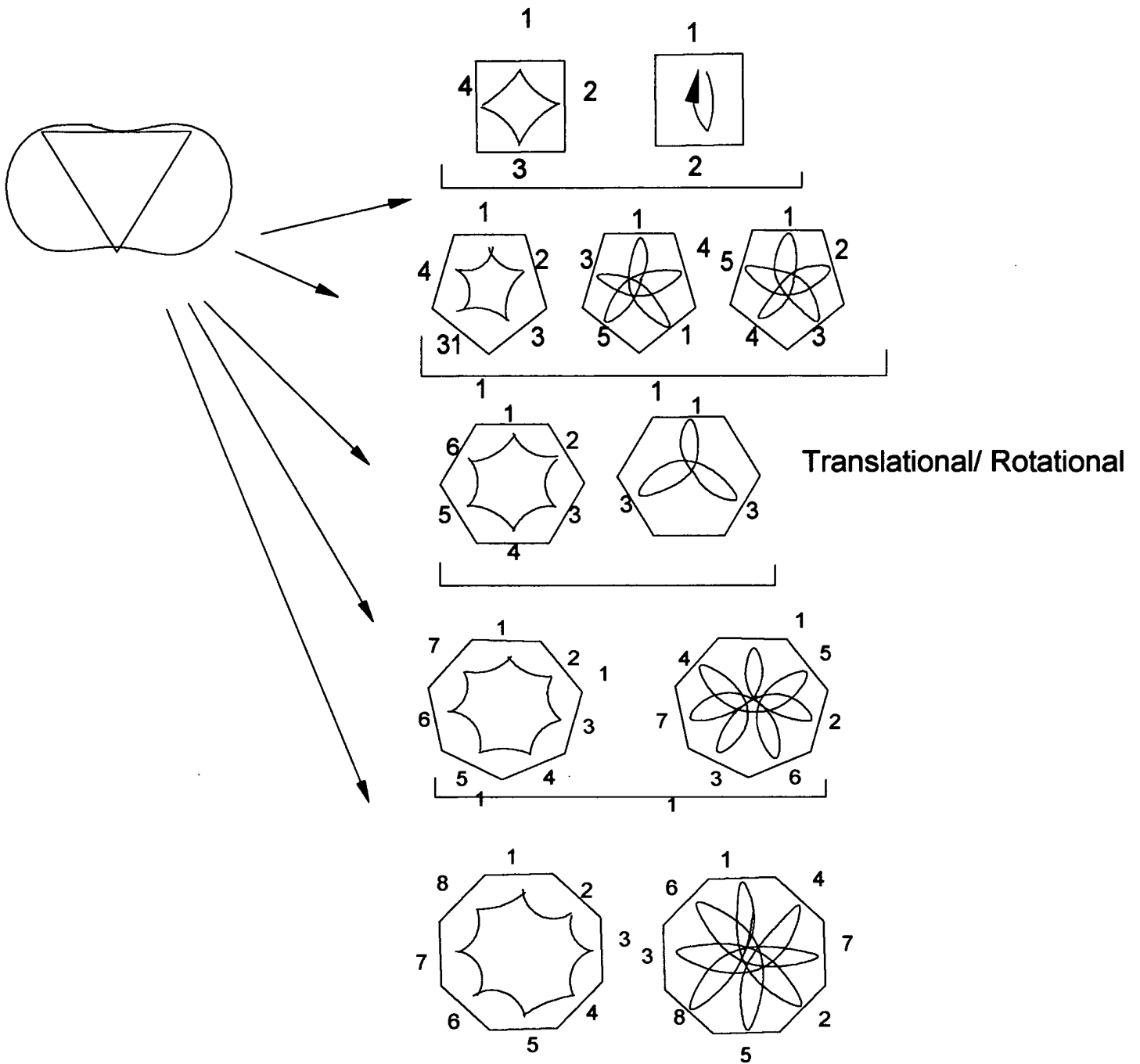
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# Area of Different Dynamics

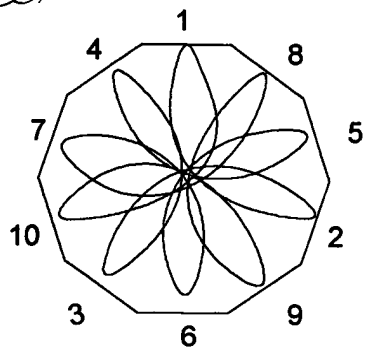
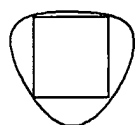




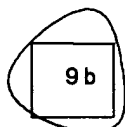
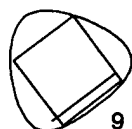
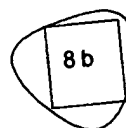
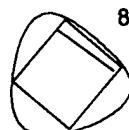
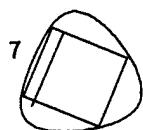
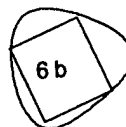
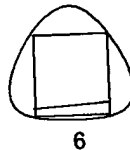
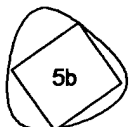
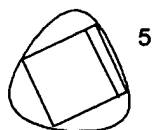
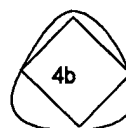
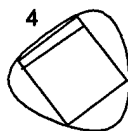
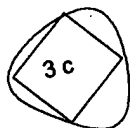
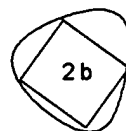
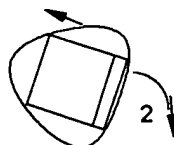
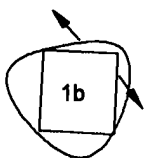
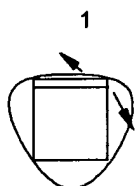
# Replacement Sheet



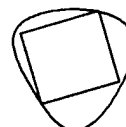
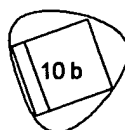
# Replacement Sheet



F : 4/3  
V : 10  
S: by 3

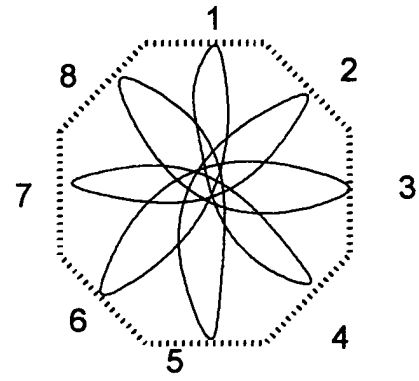
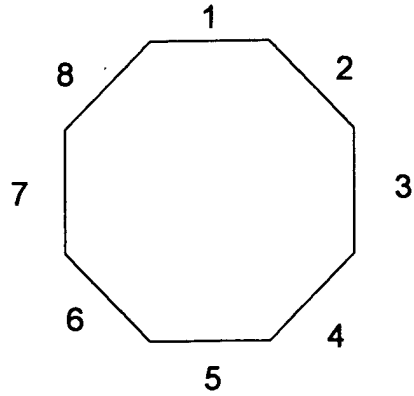


10

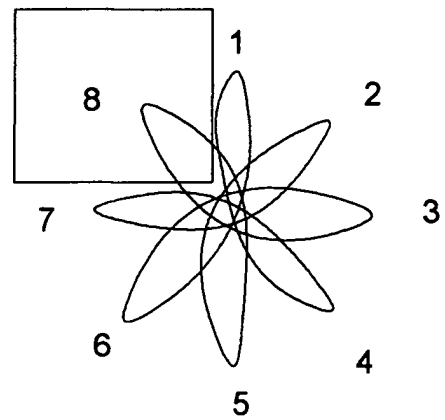


Ten compressions of the piston for V 20 engine

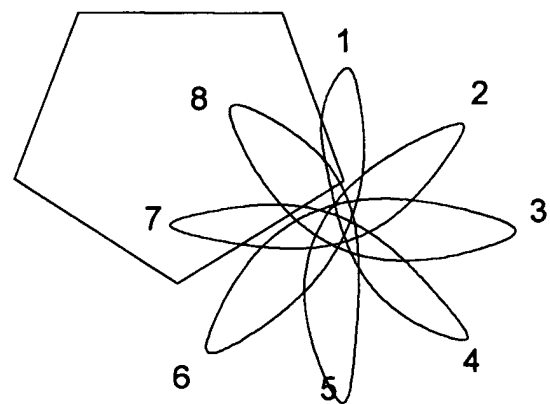
# Replacement Sheet



Sequence of Sequential Figure : 1, 4, 7, 2, 5, 8, 3, 6

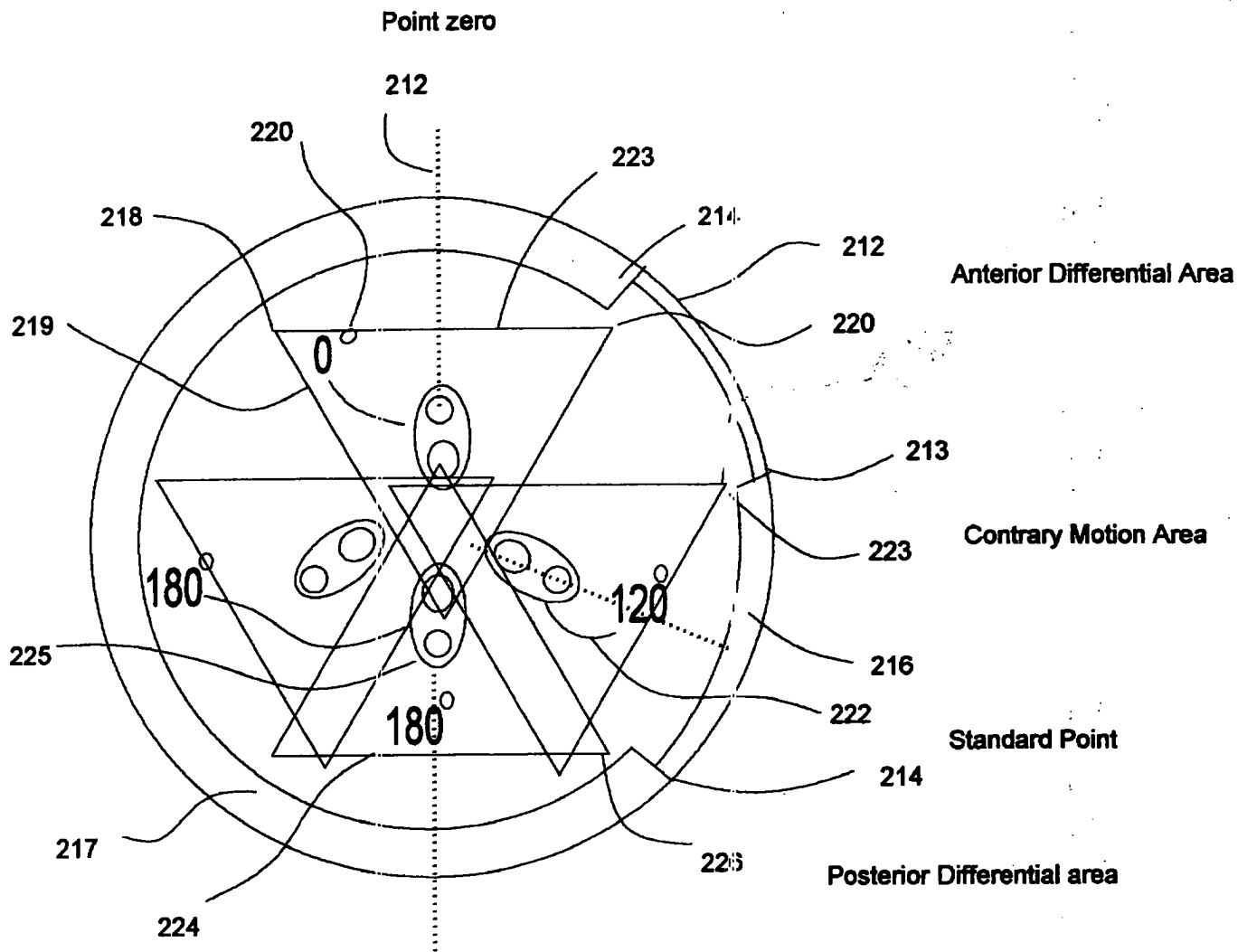


Sequence of Sequential Figure : 1, 4, 7, 2, 5, 8, 3, 6



Sequence of Sequential Figure : 1, 4, 7, 2, 5, 8, 3, 6

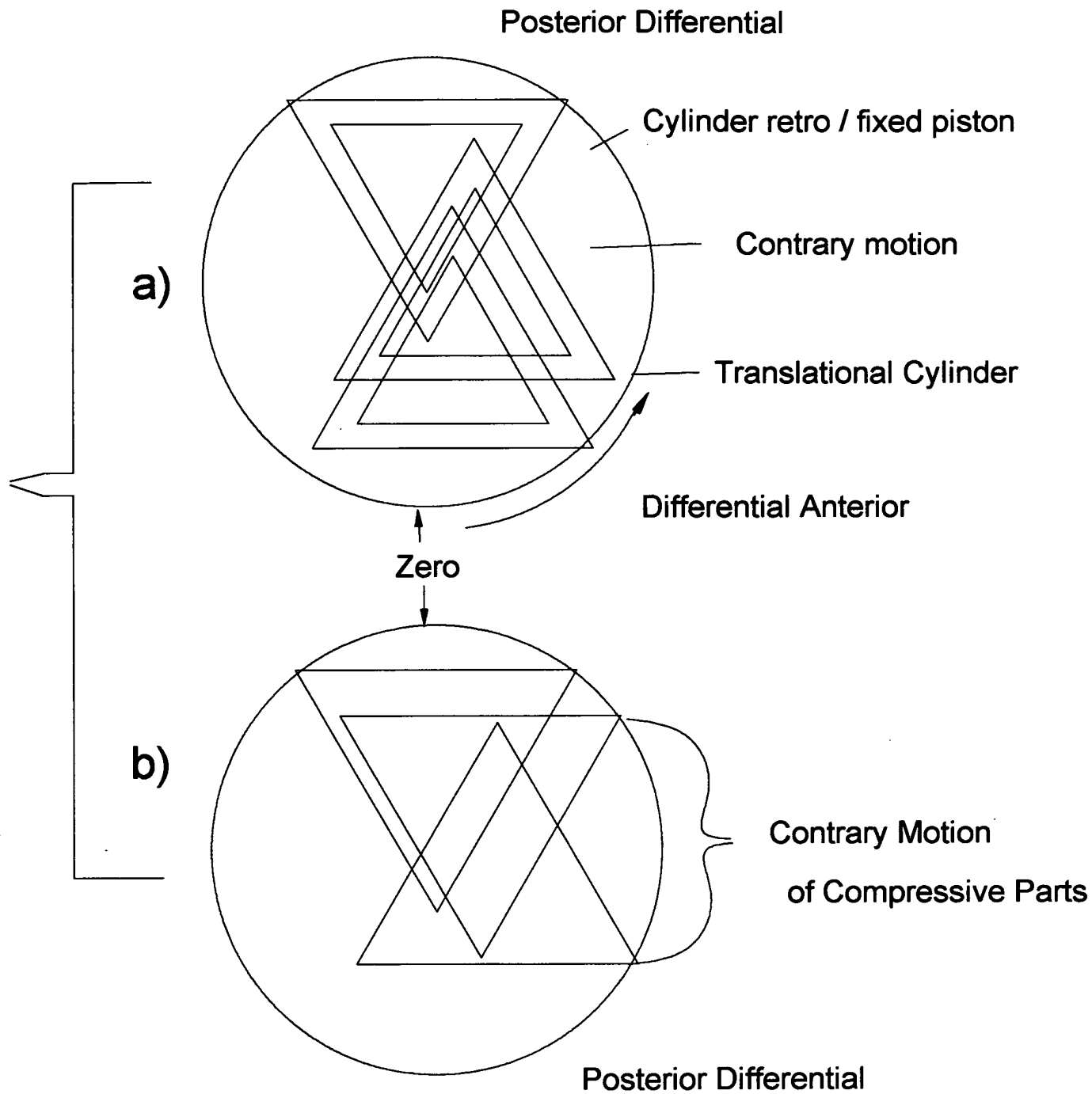
Replacement sheet



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# Replacement sheet

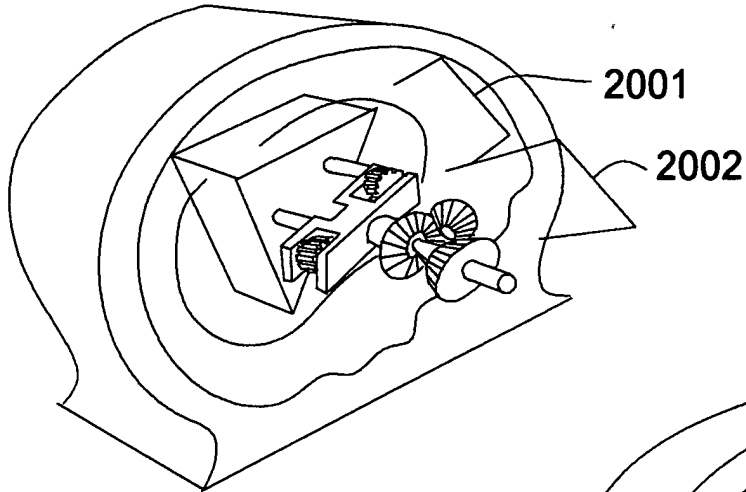
Reverse Motions for Retro Rotatives



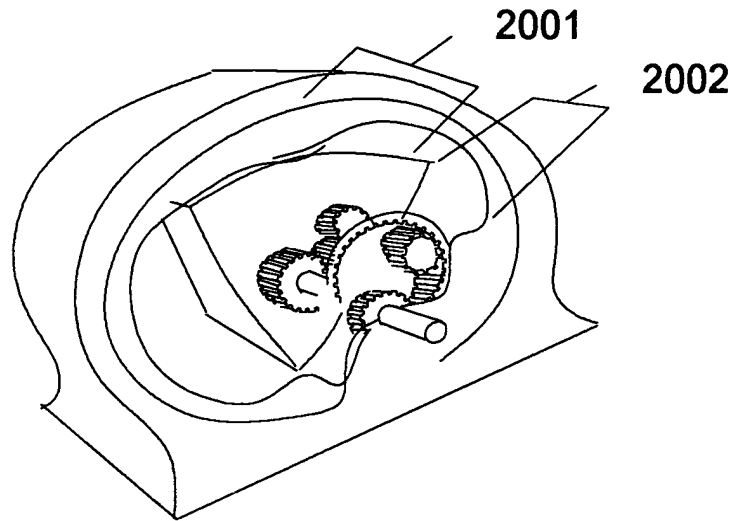
Scale of Dynamics

# Replacement sheet

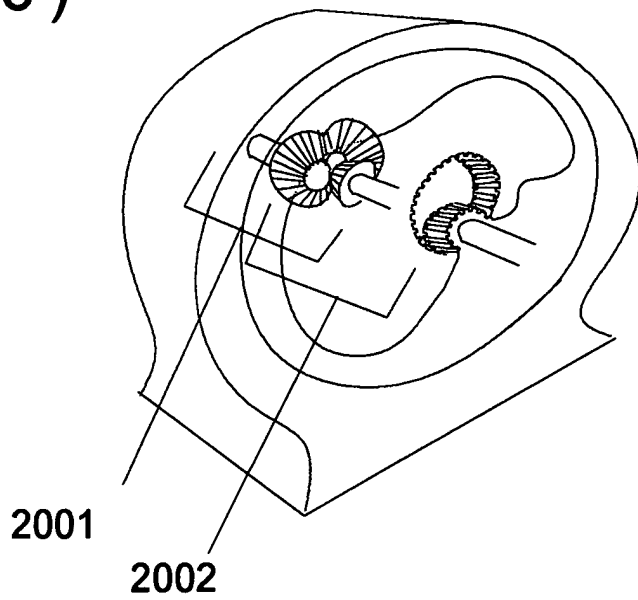
a)



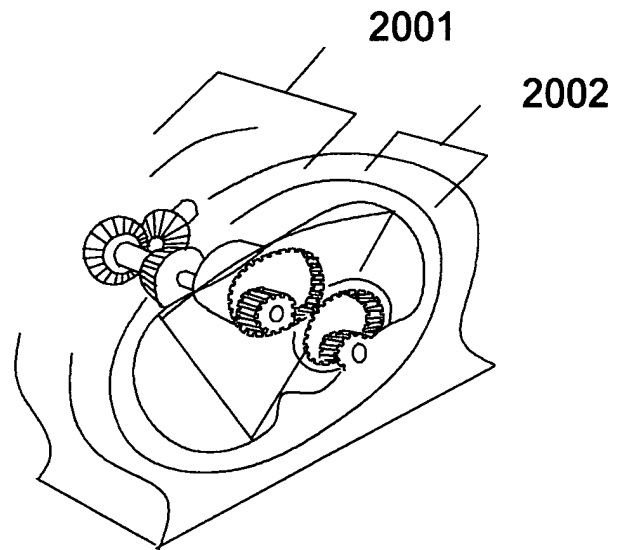
b)



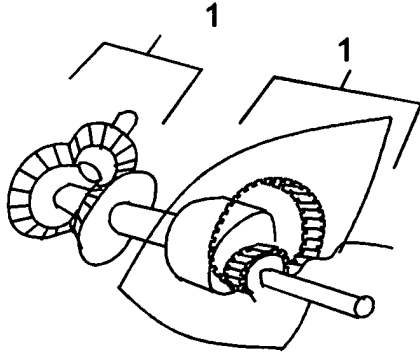
c)



d)

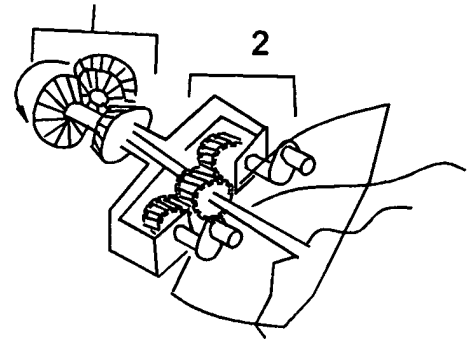


# Replacement Sheet

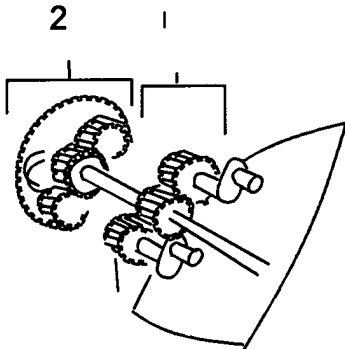


FIXED GEAR TO THE CYLINDER

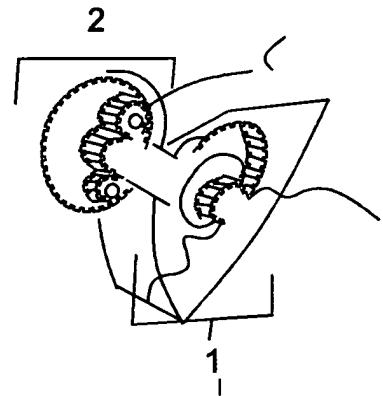
FIXED GEAR TO THE CYLINDER



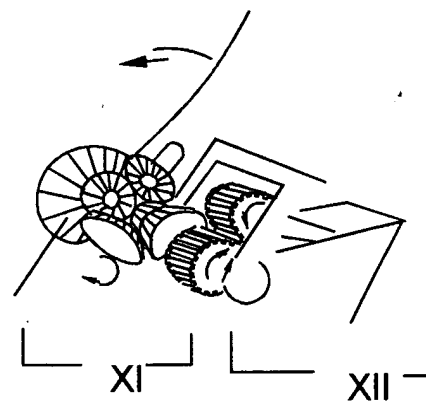
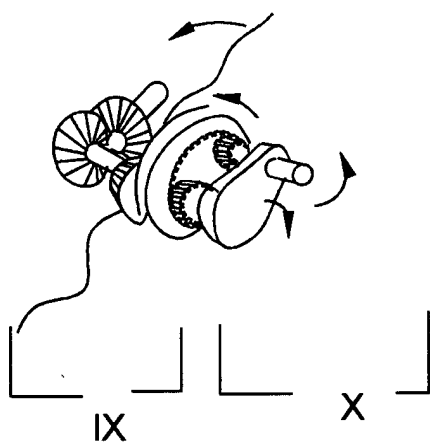
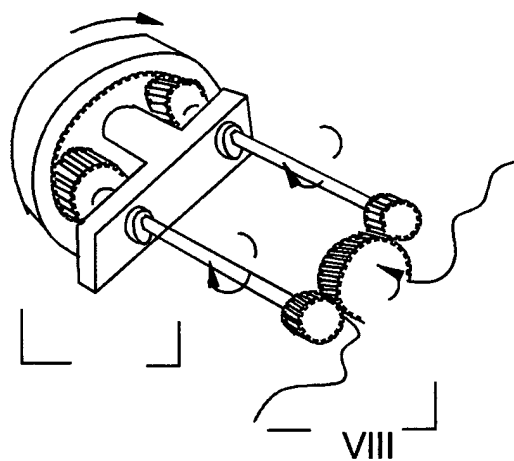
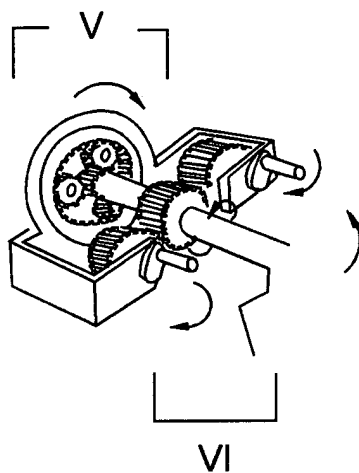
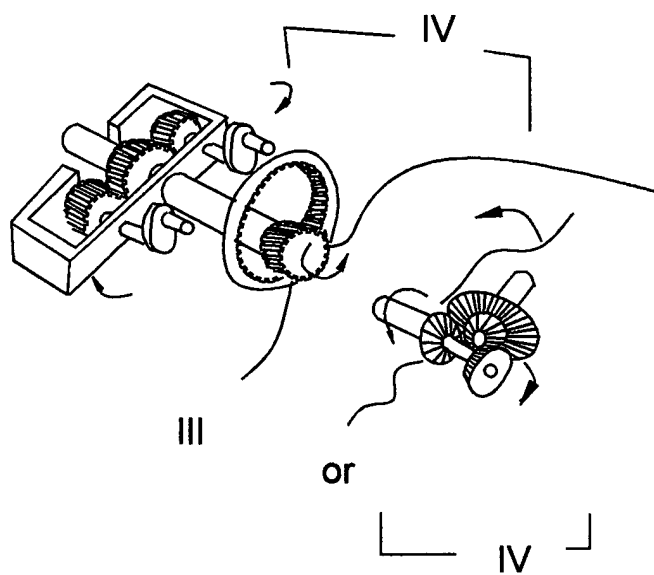
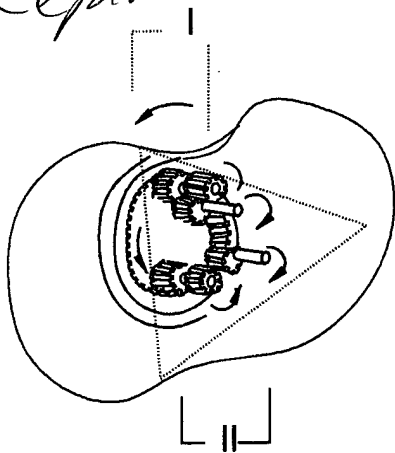
FIXED GEAR TO THE CYLINDER



FIXED GEAR TO THE CYLINDER



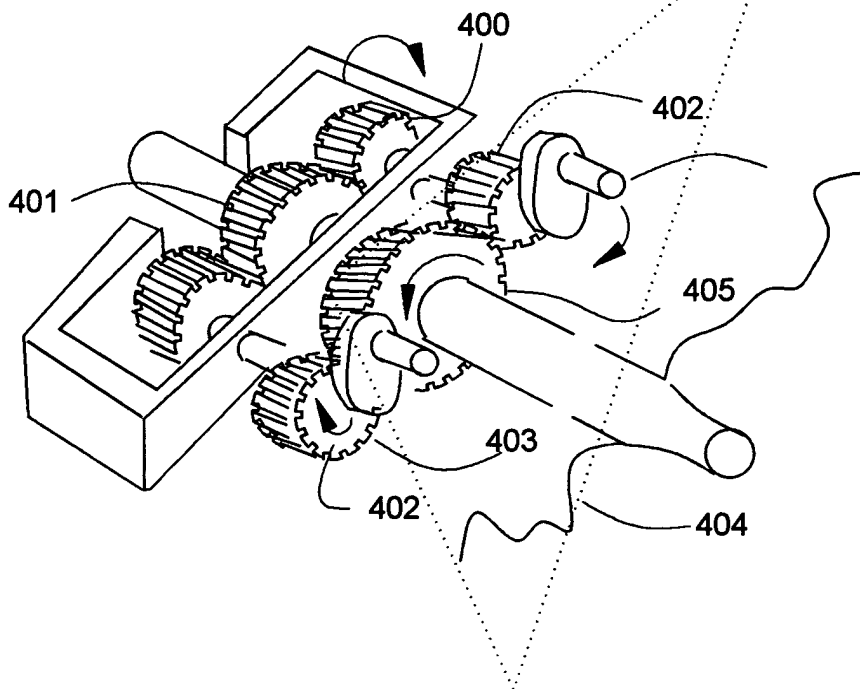
# Replacement Sheet



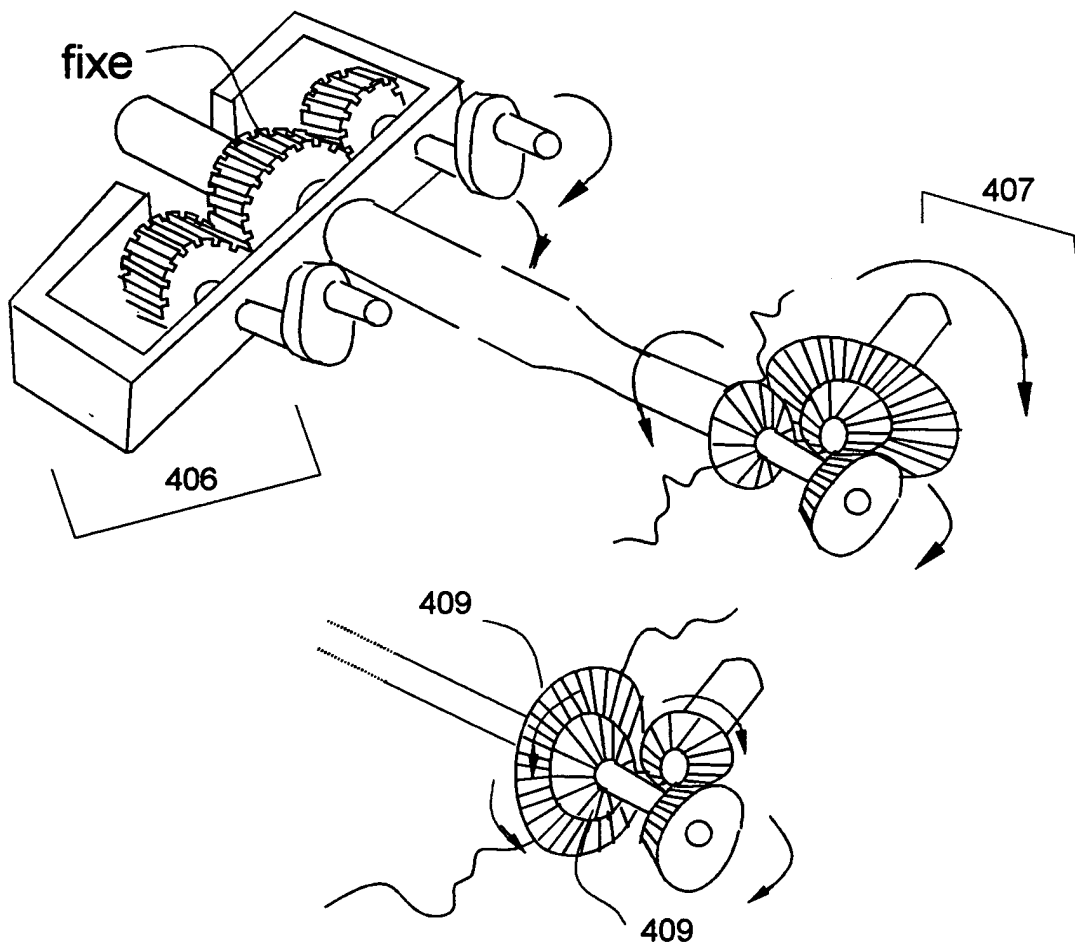


# Replacement sheet

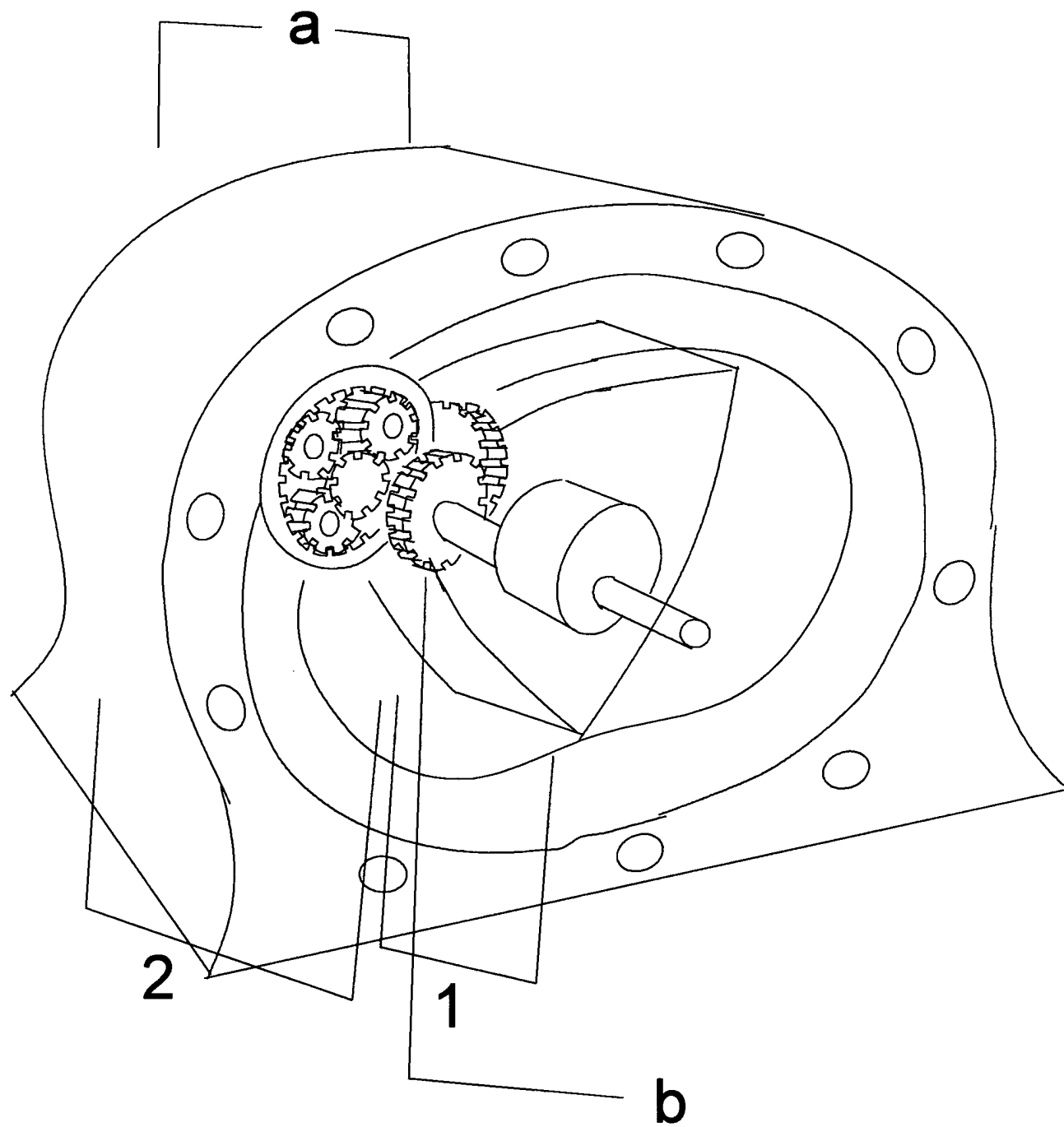
c)



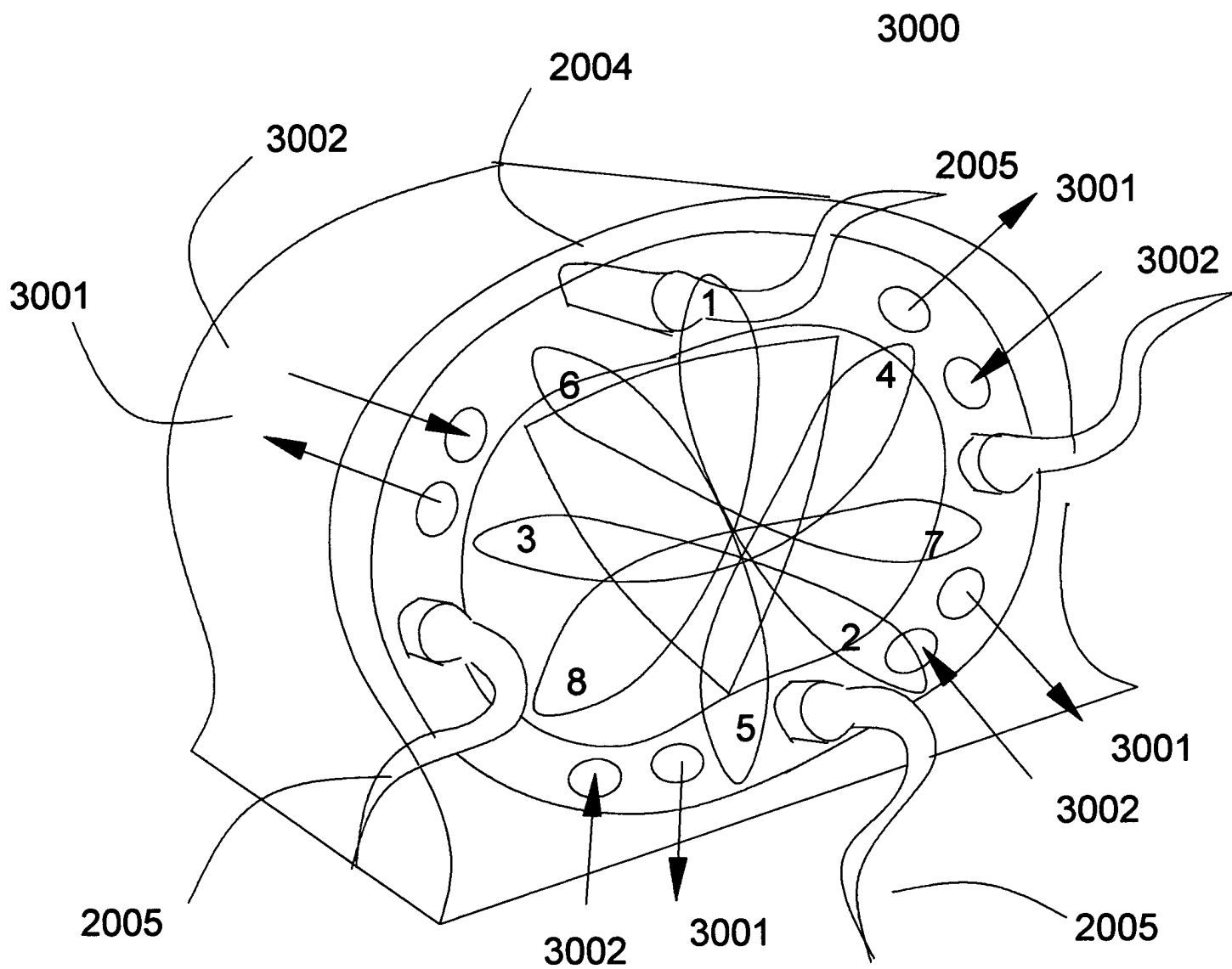
b)



# Replacement sheet



# Replacement Sheet



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# Replacement sheet

